

# **SINGER**

**22W165 to W170**

# LIST OF PARTS



## MACHINES Nos. 22w165 to 22w170

THE SINGER MANUFACTURING COMPANY

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# Instructions for Ordering

In ordering from this list, use **ONLY** the **PART** number in the **FIRST** column.

The number stamped on a Sewing Machine Part is the number of the Single Part only, except when the part includes Set Screws, Clamping Screws, Studs and Rollers Spun on, Small Wires riveted, or Parts soldered together, etc., which it is necessary to furnish in combination.

Every combination of parts sent out has its specific number which, although not stamped on Parts (except in above cases) must be used when ordering the combination.

Each number always indicates the **SAME PART** in whatever list it appears, or for whatever Machine.

The letters after some of the numbers indicate the style of finish only, as follows:

- A. Hardened, Polished and Plated.
- B. Polished and Plated.
- C. Hardened only.
- D. Polished only.
- E. Soft, not polished.
- F. Hardened and Polished.
- H. Blued.

These letters **MUST BE USED** when they appear in the list and **AFTER** the number, as in the list.

In this series

- 200001 to 201500 are Screw Numbers.
- 201501 to 201800 are Nut Numbers.
- 201801 to 202000 are Roller Numbers.
- 202001 and upward are numbers of Machine Parts.

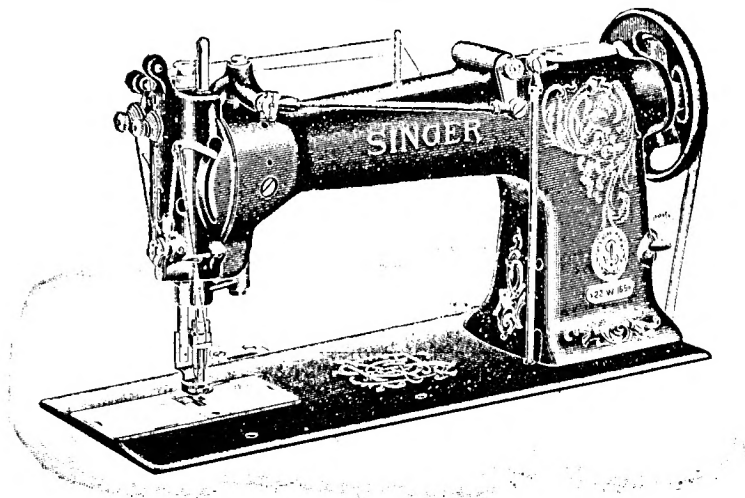
The figures in the second column refer only to the plate in which the illustration of the part is shown and are **NOT TO BE USED** in ordering.

Two or more numbers over a cut indicate that the difference between such parts is not visible in an illustration.

Parts marked with an asterisk (\*) are furnished only when repairs are made at the factory.

## LIST OF PARTS COMPLETE

FOR



## MACHINE No. 22w165

COMPOUND FEED

For Shirts, Corsets, Underwear, etc.

In gauges from  $\frac{1}{8}$  to  $\frac{3}{4}$  inch

No.	Plate	Name
*204800		Arm with 202036 .....
204163	12305	" Cap .....
200278H	12311	" " Screw .....
202248	13103	" " " Washer .....
204235	11806	" Position Pin (2) .....
200963E	12311	" Screw (3) .....
202005	12308	" " Washer (3) .....
213113		" Shaft .....
204801	11144	" " Bushing (back) with 202260 .....
202260	—	Arm Shaft Bushing (back) Oil Packing (wick) .....
200341C	—	Arm Shaft Bushing (back) Set Screw .....
204802	11144	Arm Shaft Bushing (front) with 202036 and 202260 .....
202260	—	Arm Shaft Bushing (front) Oil Packing (wick) .....

No.	Plate	Name
200502B	11806	Arm Shaft Bushing (front) Oil Packing Thumb Screw .....
202036	12338	Arm Shaft Bushing (front) Position Pin .....
200352c	—	Arm Shaft Bushing (front) Set Screw .....
204804	—	Arm Shaft Connection with four 200054E (2) .....
200054E	13099	Arm Shaft Connection Screw ....
204805	13100	Balance Wheel, 5½ in. diam. (belt groove 2¾ in. diam.), with 200328c and 200335c .....
200062H	12311	Balance Wheel Adjusting Screw ..
200328c	12311	" " Position Screw ...
200335c	12311	" " Set Screw .....
*213119	—	Bed with 202062, 203248, 203249, two each 200362c, 201516E, 200840E and 202299 .....
202258	12345	Bed Hinge Connection (2) .....
200570c	12311	" " " Screw (4) ....
203329	13101	" Slide (back) .....
203301	12334	" " (front) .....
203470	13099	Bobbin (2) .....
*203520	—	" Case .....
203648	13099	" " Latch .....
*202056	—	" " " Pin .....
203473	13099	" " " Plunger .....
203474	13099	" " " Spring .....
203499	13099	" " Lever .....
203476	—	" " " Eccentric .....
204243	13099	" " " Position Pin .....
203506	13099	" " " Fulcrum .....
200056D	10882	" " " " Screw ....
203478	13099	" " " Slide Stud .....
203214	13099	" " " Tension Spring .....
200984c	13099	" " " " Regulat- ing Screw .....
200594c	13099	Bobbin Case Tension Spring Screw
203216	—	" " Washer (cloth) .....
203521	11238	Bobbin Case complete, Nos. 200594c, 200984c, 202056, 203214, 203216, 203473, 203474, 203520 and 203648
213118	—	Face Plate with 200366H, 200685E, 202087, 204185, two each 200368H, 202090, 204281 and three 200397H
200065c	12338	Face Plate Screw (2) .....
204185	13099	" " Thread Guide .....
200397H	12309	" " " " Set Screw

No.	Plate	Name
213676	13100	Face Plate complete, Nos. 200309E, 200577H, 202088, 204280, 213118, 223311, two each 204059 and 204272 .....
203303	12334	Feed Bar with 204189 .....
203309	—	" " 203303 with 200214E, 201525E and 204200 .....
200214E	12386	Feed Bar Hinge Screw .....
201525E	12386	" " " " Nut .....
214424	12386	" " Spring .....
204189	12306	" " " Hook .....
211552	12072	Feed Dog, 50 needle hole, for needle sizes 14 and 15, in gauges from ⅜ to ½ in., in steps of ⅛ in., for 211551 .....
211561	12073	Feed Dog, 50 needle hole, for needle sizes 14 and 15, in gauges ⅜, ⅞, 1½, 2 and 2½ in., for 211560..
211606	11828	Feed Dog, 50 needle hole, for needle sizes 14 and 15, in gauges from ⅞ to ¾ in., in steps of ⅛ in., for 211609 .....
200106E	12311	Feed Dog Screw (2) .....
200075c	13099	" " Support Screw .....
201535E	13099	" " " " Nut ....
203233	12305	" Driving Cam with 200382c and 200437c .....
204192	—	Feed Driving Cam Fork Lever with 204195 and 204293 .....
204193	12334	Feed Driving Cam Fork Lever Connection with 200668c and 201525E
204194	12306	Feed Driving Cam Fork Lever Connection Clamp with 200031F ....
200031F	12311	Feed Driving Cam Fork Lever Connection Clamp Pinch Screw ....
200668c	10438	Feed Driving Cam Fork Lever Connection Clamp Screw Stud .....
201525E	12386	Feed Driving Cam Fork Lever Connection Clamp Screw Stud Nut ..
200002E	12338	Feed Driving Cam Fork Lever Connection Hinge Screw .....
201522E	12338	Feed Driving Cam Fork Lever Connection Hinge Screw Nut .....
*204195	—	Feed Driving Cam Fork Lever Shaft
204197	12306	" " " " " " " " Collar with 200113F .....
200113F	12308	Feed Driving Cam Fork Lever Shaft Collar Set Screw .....
204293	12308	Feed Driving Cam Fork Lever Shaft Position Pin .....

No.	Plate	Name
204196	13099	Feed Driving Cam Fork Lever Shaft Sleeve (split) .....
200043c	12311	Feed Driving Cam Fork Lever Shaft Sleeve Set Screw .....
201524E	12338	Feed Driving Cam Fork Lever Shaft Sleeve Set Screw Nut .....
204198	12334	Feed Driving Cam Fork Lever complete, Nos. 204192 and 204194 ..
200437c	12311	Feed Driving Cam Position Screw
200382c	11137	" " " Set Screw ....
204821	13100	" " Rock Shaft .....
213931	—	" " " " 204821 with 200002E, 201522E and 204193 ....
202305	13099	Feed Driving Rock Shaft Center (2)
200043c	12311	" " " " " Set Screw (2) .....
204200	12305	Feed Driving Rock Shaft Crank with 204189 (on left side) and two 200383c .....
200383c	12311	Feed Driving Rock Shaft Crank Set Screw .....
213007	13099	Feed Lifting Cam with 202126 ....
204202	12308	" " " Fork with 200027E ..
200027E	12338	" " " Pinch Screw .....
202126	12308	" " " Position Pin ..
200045E	12338	" " " Screw .....
202305	12334	" " Rock Shaft .....
202315	12334	" " " " 202305 with 202238 .....
202305	13099	Feed Lifting Rock Shaft Center (2)
200043c	12311	" " " " " Set Screw (2) .....
202276	12308	Feed Lifting Rock Shaft Slide Block
203238	12308	" " " " " " 202276 with 200243E and 201531E .....
200243E	12338	Feed Lifting Rock Shaft Slide Block Hinge Screw .....
201531E	12308	Feed Lifting Rock Shaft Slide Block Hinge Screw Nut .....
204206	12306	Feed Regulating Handle .....
204288	13101	" " " 204206 with 200098E, 202622, 204208, 204209, 204213, 204289 and 204925 .....
204208	10438	Feed Regulating Handle Adjustable Stop .....
200098E	10438	Feed Regulating Handle Adjustable Stop Screw .....
204925	12306	Feed Regulating Handle Adjustable Stop Screw Washer .....

No.	Plate	Name
204209	10438	Feed Regulating Handle Position Pin .....
204289	11806	Feed Regulating Handle Shaft
204211	12306	" " " " Crank with 200098E .....
204212	10438	Feed Regulating Handle Shaft Crank Link .....
200271E	12311	Feed Regulating Handle Shaft Crank Link Hinge Screw (lower)
200291E	10438	Feed Regulating Handle Shaft Crank Link Hinge Screw (upper)
200098E	10438	Feed Regulating Handle Shaft Crank Set Screw .....
204213	10438	Feed Regulating Handle Shaft Sleeve (split) .....
200362c	12311	Feed Regulating Handle Shaft Sleeve Set Screw .....
202622	12306	Feed Regulating Handle Shaft Sleeve Washer .....
202036	12338	Feed Regulating Handle Stop Pin
204298	—	Feed Regulating Handle complete, Nos. 200291E, 204211, 204212 and 204288 .....
*203522	—	Hook (sewing) .....
203523	11238	" 203522 with 203525 and two 201253E .....
203524	11238	Hook and Bobbin Case complete, Nos. 203521 and 203523 .....
213810	13099	Hook Bevel Gear Socket, 24 teeth
200555E	11007	" " " " Screw ..
203242	11007	" " Pinion, 24 teeth, with two 200383c (2) .....
200383c	12311	Hook Bevel Pinion Set Screw ....
203306	13101	" Counter Shaft .....
203244	11007	" " " Collar with two 200393c .....
200393c	11007	Hook Counter Shaft Collar Set Screw .....
203245	11007	Hook Counter Shaft Driving Gear, 44 teeth, with 200362c and 200439c .....
213157	13101	Hook Counter Shaft Driving Gear 203245 with 200045E and 213007 .....
200439c	12311	Hook Counter Shaft Driving Gear Position Screw .....
200362c	12311	Hook Counter Shaft Driving Gear Set Screw .....
203246	11007	Hook Counter Shaft Gear, 22 teeth, with two 200383c .....

No.	Plate	Name
200383c	12311	Hook Counter Shaft Gear Set Screw
202299	—	" " " " Oil Packing (wick) .....
200840E	11007	Hook Counter Shaft Oil Packing (wick) Stop Screw .....
213116	13100	Hook Driving Shaft .....
203248	12334	" " " " Bearing with 202299 .....
202299	—	Hook Driving Shaft Bearing Oil Packing (wick) .....
202126	12308	Hook Driving Shaft Bearing Position Pin .....
200516E	12311	Hook Driving Shaft Bearing Screw
203249	11007	" " " " Bushing (eccentric) .....
202299	—	Hook Driving Shaft Bushing Oil Packing (wick) .....
200362c	12311	Hook Driving Shaft Bushing Set Screw .....
213141	13099	Hook Driving Shaft Collar with two 200393c .....
200393c	11007	Hook Driving Shaft Collar Set Screw .....
203525	11238	Hook Gib .....
201253F	13099	" " Screw .....
203508	11239	" Saddle (left or right) with 200056n .....
200006E	11007	Hook Saddle Screw (4) .....
202622	12306	" " " Washer (4) ..
213037	—	" Washer .....
203527	11238	" " " 213037 with 203476 and two 204243 .....
203528	11239	Hook Saddle (left or right) complete, Nos. 200555H, 203478, 203499, 203506, 203508, 203524, 203527 and 213810 .....
203529	—	Hook Saddle Combination (left and right) complete, Nos. two 203528
202445	13100	Knee Lifter Connection Lever with 202446 .....
227313	—	Knee Lifter Connection Lever 202445 with 200224H, 200262H, 227303 and 227309 .....
200224H	12306	Knee Lifter Connection Lever Hinge Screw .....
227309	13100	Knee Lifter Connection Lever Lifting Rod with 202302 .....
202302	12306	Knee Lifter Connection Lever Lifting Rod Cotter Pin .....

No.	Plate	Name
202446	12306	Knee Lifter Connection Lever Pin
227303	13100	" " Lifting Lever .....
200262H	12306	" " " " Hinge Screw
231399	11807	Needle Bar (hollow) .....
213283	11137	" " Connecting Link ....
200237c	11137	" " " " Hinge Screw Stud .....
200380c	12319	Needle Bar Connecting Link Hinge Screw Stud Set Screw .....
204249	12308	Needle Bar Connecting Stud with 200072c and 202277 .....
202277	—	Needle Bar Connecting Stud Oil Packing (wick) .....
200072c	12308	Needle Bar Connecting Stud Pinch Screw .....
204829	11807	Needle Bar Frame .....
204830	13102	" " " Driving Crank with two 200382c .....
203154	—	Needle Bar Frame Driving Crank 204830 with 200932c, 201525E and 203155 .....
204832	13101	Needle Bar Frame Driving Crank Connection (9½ in. long) .....
215652	—	Needle Bar Frame Driving Crank Connection 204832 with two 201528c .....
203155	11806	Needle Bar Frame Driving Crank Connection Bearing (lower) ....
200932c	11806	Needle Bar Frame Driving Crank Connection Bearing (lower) Hinge Screw .....
201525E	12386	Needle Bar Frame Driving Crank Connection Bearing (lower) Hinge Screw Nut .....
203155	11806	Needle Bar Frame Driving Crank Connection Bearing (upper) ....
200932c	11806	Needle Bar Frame Driving Crank Connection Bearing (upper) Hinge Screw .....
201525E	12386	Needle Bar Frame Driving Crank Connection Bearing (upper) Hinge Screw Nut .....
201528c	13102	Needle Bar Frame Driving Crank Connection Bearing Check Nut ..
203114	11806	Needle Bar Frame Driving Crank Connection Bell Crank with 200387c and 200447c .....

No.	Plate	Name
203156	11137	Needle Bar Frame Driving Crank Connection Bell Crank 203114 with two each 200932c, 201525e and 203155 .....
200447c	11806	Needle Bar Frame Driving Crank Connection Bell Crank Position Screw .....
200387c	13102	Needle Bar Frame Driving Crank Connection Bell Crank Set Screw
202899	11137	Needle Bar Frame Driving Crank Connection Bell Crank Stud ....
200382c	11137	Needle Bar Frame Driving Crank Set Screw .....
204838	13101	Needle Bar Frame Pitman (7½ in. long) .....
204642	-----	Needle Bar Frame Pitman 204838 with two 201528c .....
*204839	-----	Needle Bar Frame Pitman Ball Bearing with 204840 and two 200086c .....
204641	11137	Needle Bar Frame Pitman Ball Bearing 204839 with 200878 ....
*204840	-----	Needle Bar Frame Pitman Ball Bearing Cap .....
200086c	12308	Needle Bar Frame Pitman Ball Bearing Cap Screw .....
200737c	11806	Needle Bar Frame Pitman Ball Screw .....
200878	-----	Needle Bar Frame Pitman Ball Screw 200737c with 201524c ....
201524c	12338	Needle Bar Frame Pitman Ball Screw Nut .....
203155	11806	Needle Bar Frame Pitman Bearing (right hand) .....
201528c	13102	Needle Bar Frame Pitman Bearing Check Nut (left or right) .....
200932c	11806	Needle Bar Frame Pitman Bearing Hinge Screw .....
201525e	12386	Needle Bar Frame Pitman Bearing Hinge Screw Nut .....
204843	11137	Needle Bar Frame Position Stud
200383c	12311	Needle Bar Frame Position Stud (lower) .....
		(lower) Set Screw .....
204844	11806	Needle Bar Frame Position Stud (upper) .....
200383c	12311	Needle Bar Frame Position Stud (upper) Set Screw .....

No.	Plate	Name
231383	13102	Needle Holder, in gauges from ⅜ to ½ in., in steps of ⅛ in., with 201030e and two 200141e .....
231385	13102	Needle Holder, in gauges from ⅜ to ⅝ in., in steps of ⅛ in., with 201030e and two 200141e .....
201030e	13102	Needle Holder Screw .....
200141e	13102	" Set Screw .....
204251	12334	Presser Bar (hollow) with 200074e
203779	13102	" " Bushing .....
200399c	11806	" " " Set Screw ....
204252	12308	" " Lifter .....
200550c	12311	" " " Hinge Screw ...
208609	-----	" " Lifting Bracket .....
204846	13102	" " " " 208609 with 200387c .....
204254	13102	Presser Bar Lifting Bracket Position Guide .....
200362c	12311	Presser Bar Lifting Bracket Position Guide Set Screw .....
200387c	13102	Presser Bar Lifting Bracket Set Screw .....
204255	- -	Presser Bar Spring .....
200494b	13102	" " Thumb Screw (pressure regulating) .....
230795	13102	Presser Foot Hinge Pin .....
229237	-----	" " Plate, for 229238 ....
229259	-----	" " " " 229260 ....
229395	-----	" " " " 229396 ....
231455	-----	" " " " 231456 ....
231457	-----	" " " " 231458 ....
200074e	12308	" " Screw .....
223309	-----	" " Shank .....
229238	11840	Presser Foot (hinged) complete, 50 needle hole, in gauges ⅜, ½, ⅝ and ¾ in., Nos. 223309, 229237 and 230795 .....
229260	11840	Presser Foot (hinged) complete, 50 needle hole, in gauges ⅜, ½, ⅝ and ¾ in., Nos. 223309, 229259 and 230795 .....
229396	11840	Presser Foot (hinged) complete, 50 needle hole, in gauges ⅜, ½, ⅝ and ¾ in., Nos. 223309, 229395 and 230795 .....
231456	13103	Presser Foot (hinged) complete, 50 needle hole, in gauges from ⅜ to ½ in., in steps of ⅛ in., Nos. 223309, 230795 and 231455 .....

No.	Plate	Name
231458	11840	Presser Foot (hinged) complete, 50 needle hole, in gauges $\frac{3}{32}$ , $\frac{1}{8}$ , $\frac{3}{16}$ and $\frac{1}{4}$ in., Nos. 223309, 230795 and 231457 .....
213115	13101	Take-up Cam with 200335c, 200383c and 200430c .....
203172	13102	Take-up Cam Friction Washer ....
200430c	12311	" " Position Screw .....
200383c	12311	" " " " Cheek Screw .....
200335c	12311	Take-up Cam Set Screw .....
213675	11144	Take-up Cam complete, Nos. 200237c, 200380c, 213115 and 213283 .....
203311	13102	Take-up Lever .....
221454	—	" " 203311 with 204263 .....
204263	12386	" " Bearing with 204264 .....
204264	12306	" " " Position Pin .....
200042r	12311	" " " Screw .....
201816	13102	" " Roller .....
203312	—	Take-up Lever complete, Nos. 200042r, 201816 and 221454 .....
202402	12309	Tension Disc .....
202090	12309	" " Position Pin .....
223311	12338	" Release Lever .....
200685e	12338	" " " Position Screw .....
200309e	12309	" " " Screw .....
202075	12309	" " Plunger .....
204848	11806	" " Slide with 203695 ..
203695	11806	" " " Spring .....
202407	10881	" Spring .....
200632r	12309	" Stud .....
200397r	12309	" " Set Screw .....
201572r	10881	" Thumb Nut .....
204271	12309	" Washer .....
204272	12309	Tension complete, Nos. 200632r, 201572r, 202075, 202407, 204271 and two 202402 .....
204274	12309	Thread Controller Plate .....
200577r	12311	" " " Screw ....
202098	12309	" " Roller .....
204275	12309	" " " Guard .....
202084	12309	" " " Washer .....
200300c	12309	" " " Screw .....
204276	12309	" " Spring .....
204333	12309	" " " Guard .....
200581r	12309	" " " " Screw .....
202087	13102	" " " Stop .....
202088	13102	" " " Stud with 204925 .....

No.	Plate	Name
200366r	12309	Thread Controller Spring Stud Set Screw .....
204925	12306	Thread Controller Spring Stud Washer .....
205987	12309	Thread Controller complete, Nos. 200300c, 200581r, 202084, 202098, 204274, 204275 and 204333 .....
204280	12309	Thread Controller and Spring complete, Nos. 204276 and 205987 ....
204556	12386	Thread Guide .....
203313	12386	" " .....
204281	12309	" Retainer Guide Wire .....
202091	12309	" " Sleeve .....
202092	12309	" " Spring .....
204058	12309	" " Stud .....
200368r	12309	" " " Set Screw ....
204059	12309	Thread Retainer complete, Nos. 202091, 202092 and 204058 .....
211551	12072	Throat Plate, for 211552, in gauges from $\frac{3}{32}$ to $\frac{1}{4}$ in., in steps of $\frac{1}{32}$ inch .....
211560	12073	Throat Plate, for 211561, in gauges $\frac{3}{32}$ , $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ and $\frac{1}{2}$ inch .....
211609	11828	Throat Plate, for 211606, in gauges from $\frac{1}{16}$ to $\frac{3}{4}$ in., in steps of $\frac{1}{16}$ inch .....
200161r	12319	Throat Plate Clamp Screw .....
202062	12308	" " Position Pin .....
200577r	12311	" " Screw .....



# MACHINE No. 22w166

## COMPOUND FEED

For Overalls, Tailoring, Duck Coats, Etc.

In gauges from  $\frac{1}{8}$  to  $\frac{3}{4}$  inch

The same as Machine No. 22w165 with the following exceptions:

No.	Plate	Name
211553	12072	Feed Dog, 46 needle hole, for needle sizes 16 and 18, in gauges $\frac{1}{8}$ , $\frac{3}{16}$ , $\frac{1}{4}$ , $\frac{5}{16}$ and $\frac{3}{8}$ in., for 211551 .....
211562	12073	Feed Dog, 46 needle hole, for needle sizes 16 and 18, in gauges $\frac{1}{8}$ , $\frac{3}{16}$ , $\frac{1}{4}$ , $\frac{5}{16}$ and $\frac{3}{8}$ in., for 211560 .....
211607	11828	Feed Dog, 46 needle hole, for needle sizes 16 and 18, in gauges from $\frac{1}{8}$ to $\frac{3}{4}$ in., in steps of $\frac{1}{16}$ in., for 211609 .....
204258	12386	Presser Bar Spring (heavy), in place of 204255 .....
230795	13102	Presser Foot Hinge Pin .....
229235	-----	" " Plate, for 229236 ....
229257	-----	" " " " 229258 ....
229267	-----	" " " " 229268 ....
229899	-----	" " " " 229900 ....
229269	-----	" " " " 229270 ....
229236	11840	Presser Foot (hinged) complete, 46 needle hole, in gauges $\frac{1}{8}$ , $\frac{3}{16}$ and $\frac{1}{4}$ in., Nos. 223309, 229235 and 230795 .....
229258	11840	Presser Foot (hinged) complete, 46 needle hole, in gauges $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ and $\frac{1}{2}$ in., Nos. 223309, 229257 and 230795 .....
229268	11840	Presser Foot (hinged) complete, 46 needle hole, in gauges $\frac{1}{8}$ , $\frac{3}{16}$ , $\frac{1}{4}$ and $\frac{5}{16}$ in., Nos. 223309, 229267 and 230795 .....
229900	11842	Presser Foot (hinged) complete, 40 needle hole, in gauges from $\frac{1}{8}$ to $\frac{1}{2}$ in., in steps of $\frac{1}{16}$ in., Nos. 223309, 229899 and 230795 .....

No.	Plate	Name
229270	11840	Presser Foot (hinged) complete, 46 needle hole, in gauges $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ and $\frac{1}{2}$ in., Nos. 223309, 229269 and 230795 .....
204553	12386	Take-up Lever, in place of 203311
206601	-----	" " 204553 with 204263, in place of 221454 .....
204554	12386	Take-up Lever complete, Nos. 200042F, 201816 and 206601, in place of 203312 .....
211551	12072	Throat Plate, for 211553, in gauges from $\frac{1}{8}$ to $\frac{1}{4}$ in., in steps of $\frac{1}{16}$ inch .....
211560	12073	Throat Plate, for 211562, in gauges $\frac{1}{8}$ , $\frac{3}{16}$ , $\frac{1}{4}$ , $\frac{5}{16}$ and $\frac{3}{8}$ inch .....
211609	11828	Throat Plate, for 211607, in gauges from $\frac{1}{8}$ to $\frac{3}{4}$ in., in steps of $\frac{1}{16}$ inch .....

# MACHINE No. 22w167

## COMPOUND FEED

For Felling Corsets, Shirts, Etc.

In gauges from  $\frac{3}{8}$  to  $\frac{3}{4}$  inch

The same as Machine No. 22w165 with the following exceptions:

No.	Plate	Name
*213098	—	Bed with 202062, 203248, 203249, two each 200362c, 200516e, 200840e and 202299, in place of 213119 ..
211573	12075	Feed Dog, 50 needle hole, for needle sizes 14 and 15, in gauges $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{7}{8}$ and $\frac{1}{4}$ in., for 211575 ....
211555	12072	Feed Dog, 50 needle hole, for needle sizes 14 and 15, in gauges from $\frac{1}{4}$ to $\frac{1}{2}$ in., in steps of $\frac{1}{16}$ in., for 211576 .....
211606	11828	Feed Dog, 50 needle hole, for needle sizes 14 and 15, in gauges from $\frac{1}{8}$ to $\frac{3}{4}$ in., in steps of $\frac{1}{16}$ in., for 211610 .....
230795	13102	Presser Foot Hinge Pin .....
229420	—	" " " " Plate, for 229585 ....
229422	—	" " " " 229315 ....
229424	—	" " " " 229316 ....
229233	—	" " " " 211547 ....
229436	—	" " " " 229437 ....
224065	—	" " " " 224066 ....
229585	11842	Presser Foot (hinged) complete, 53 needle hole, in gauges $\frac{1}{8}$ , $\frac{1}{4}$ and $\frac{3}{8}$ in., Nos. 223309, 229420 and 230795 .....
229315	11841	Presser Foot (hinged) complete, 53 needle hole, in gauges $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ and $\frac{7}{8}$ in., Nos. 223309, 229422 and 230795 .....
229316	11841	Presser Foot (hinged) complete, 53 needle hole, in gauges $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ and $\frac{7}{8}$ in., Nos. 223309, 229424 and 230795 .....
211547	11842	Presser Foot (hinged) complete, 53 needle hole, in gauges from $\frac{1}{8}$ to $\frac{3}{4}$ in., in steps of $\frac{1}{16}$ in., Nos. 223309, 229233 and 230795 .....

No.	Plate	Name
229437	11841	Presser Foot (hinged) complete, 53 needle hole, in gauges $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ and $\frac{7}{8}$ in., Nos. 223309, 229436 and 230795 .....
224066	13103	Presser Foot (hinged) complete, 53 needle hole, in $\frac{3}{8}$ in. gauge, Nos. 223309, 224065 and 230795 .....
211575	12075	Throat Plate, for 211573, in gauges $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{7}{8}$ and $\frac{3}{4}$ inch .....
211576	12075	Throat Plate, for 211555, in gauges from $\frac{1}{4}$ to $\frac{1}{2}$ in., in steps of $\frac{1}{16}$ inch .....
211610	11827	Throat Plate, for 211606, in gauges from $\frac{1}{8}$ to $\frac{3}{4}$ in., in steps of $\frac{1}{16}$ inch .....

# MACHINE No. 22w168

## COMPOUND FEED

For Felling Overalls, Horse Blankets, Canvas, Etc.

In gauges from  $\frac{1}{8}$  to  $\frac{3}{4}$  inch

The same as Machine No. 22w165 with the following exceptions:

No.	Plate	Name
*213098	—	Bed with 202062, 203248, 203249, two each 200362c, 200516E, 200840c and 202299, in place of 213119 ..
211574	12075	Feed Dog, 46 needle hole, for needle sizes 16 and 18, in gauges $\frac{1}{8}$ , $\frac{3}{16}$ , $\frac{1}{4}$ and $\frac{5}{16}$ in., for 211575 .....
211556	12072	Feed Dog, 46 needle hole, for needle sizes 16 and 18, in gauges from $\frac{1}{4}$ to $\frac{13}{16}$ in., in steps of $\frac{1}{16}$ in., for 211576 .....
211607	11828	Feed Dog, 46 needle hole, for needle sizes 16 and 18, in gauges from $\frac{3}{8}$ to $\frac{3}{4}$ in., in steps of $\frac{1}{16}$ in., for 211610 .....
204258	12386	Presser Bar Spring (heavy), in place of 204255 .....
230795	13102	Presser Foot Hinge Pin .....
229426	—	" " Plate, for 229432 ....
229605	—	" " " " 229428 ....
229606	—	" " " " 229429 ....
229914	—	" " " " 229915 ....
229607	—	" " " " 229430 ....
229432	11844	Presser Foot (hinged) complete, 40 needle hole, in gauges from $\frac{3}{8}$ to $\frac{3}{4}$ in., in steps of $\frac{1}{16}$ in., Nos. 223309, 229426 and 230795 .....
229428	11842	Presser Foot (hinged) complete, 40 needle hole, in gauges $\frac{1}{4}$ , $\frac{3}{8}$ , $\frac{1}{2}$ and $\frac{3}{4}$ in., Nos. 223309, 229605 and 230795 .....
229429	14030	Presser Foot (hinged) complete, 40 needle hole, in gauges $\frac{1}{4}$ , $\frac{1}{2}$ , $\frac{3}{4}$ and $\frac{7}{8}$ in., Nos. 223309, 229606 and 230795 .....
229915	14030	Presser Foot (hinged) complete, 40 needle hole, in gauges $\frac{1}{2}$ and $\frac{3}{4}$ in., Nos. 223309, 229914 and 230795 .....

No.	Plate	Name
229430	14030	Presser Foot (hinged) complete, 40 needle hole, in gauges $\frac{1}{4}$ , $\frac{1}{2}$ , $\frac{3}{4}$ and $\frac{7}{8}$ in., Nos. 223309, 229607 and 230795 .....
204553	12386	Take-up Lever, in place of 203311
206601	—	" " 204553 with 204263, in place of 221454 .....
204554	12386	Take-up Lever complete, Nos. 200042F, 201816 and 206601, in place of 203312 .....
211575	12075	Throat Plate, for 211574, in gauges $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ and $\frac{7}{8}$ inch .....
211576	12075	Throat Plate, for 211556, in gauges from $\frac{1}{4}$ to $\frac{13}{16}$ in., in steps of $\frac{1}{16}$ inch .....
211610	11827	Throat Plate, for 211607, in gauges from $\frac{3}{8}$ to $\frac{3}{4}$ in., in steps of $\frac{1}{16}$ inch .....

No.	Plate	Name
200106E	12311	Feed Dog Screw (2) .....
200075E	13099	" " Support Screw .....
201535E	13099	" " " " Nut .....
203233	12305	" Driving Cam with 200382C and 200437C .....
204192	-----	Feed Driving Cam Fork Lever with 204195 and 204293 .....
204193	12334	Feed Driving Cam Fork Lever Con- nection with 200668C and 201525E
204194	12306	Feed Driving Cam Fork Lever Con- nection Clamp with 200031E ....
200031E	12311	Feed Driving Cam Fork Lever Con- nection Clamp Pinch Screw ....
200668C	10438	Feed Driving Cam Fork Lever Con- nection Clamp Screw Stud .....
201525E	12386	Feed Driving Cam Fork Lever Con- nection Clamp Screw Stud Nut ..
200002E	12338	Feed Driving Cam Fork Lever Con- nection Hinge Screw .....
201522E	12338	Feed Driving Cam Fork Lever Con- nection Hinge Screw Nut .....
*204195	-----	Feed Driving Cam Fork Lever Shaft
204197	12306	" " " " " "
		Collar with 200413E .....
200113E	12308	Feed Driving Cam Fork Lever Shaft Collar Set Screw .....
204293	12308	Feed Driving Cam Fork Lever Shaft Position Pin .....
204196	13099	Feed Driving Cam Fork Lever Shaft Sleeve (split) .....
200043C	12311	Feed Driving Cam Fork Lever Shaft Sleeve Set Screw .....
201524E	12338	Feed Driving Cam Fork Lever Shaft Sleeve Set Screw Nut .....
204198	12334	Feed Driving Cam Fork Lever com- plete, Nos. 204192 and 204191 ..
200437C	12311	Feed Driving Cam Position Screw
200382C	11137	" " " Set Screw ....
204821	13100	" " Rock Shaft .....
213931	-----	" " " " 201821 with 200002E, 201522E and 204193 ....
202305	13099	Feed Driving Rock Shaft Center (2)
200043C	12311	" " " " " Set Screw (2) .....
204200	12305	Feed Driving Rock Shaft Crank with 204189 (on left side) and two 200383C .....
200383C	12311	Feed Driving Rock Shaft Crank Set Screw .....

No.	Plate	Name
213007	13099	Feed Lifting Cam with 202126 ....
204202	12308	" " " Fork with 200027E
200027E	12338	" " " " Pinch Screw
202126	12308	" " " Position Pin ...
200045E	12338	" " " Screw .....
203305	12334	" " Rock Shaft .....
203315	12334	" " " " 203305 with 203238 .....
202305	13099	Feed Lifting Rock Shaft Center (2)
200043C	12311	" " " " " Set Screw (2) .....
202276	12308	Feed Lifting Rock Shaft Slide Block
203238	12308	" " " " " "
		202276 with 200213E and 201531E
200243E	12338	Feed Lifting Rock Shaft Slide Block Hinge Screw .....
201531E	12308	Feed Lifting Rock Shaft Slide Block Hinge Screw Nut .....
201206	12306	Feed Regulating Handle .....
204288	13101	" " " 204206 with 200098E, 202622, 204208, 204209, 204213, 204289 and 204925 .....
204208	10438	Feed Regulating Handle Adjustable Stop .....
200098E	10438	Feed Regulating Handle Adjustable Stop Screw .....
204925	12306	Feed Regulating Handle Adjustable Stop Screw Washer .....
204209	10438	Feed Regulating Handle Position Pin .....
204289	11806	Feed Regulating Handle Shaft ....
204211	12306	" " " " Crank with 200098E .....
201212	10438	Feed Regulating Handle Shaft Crank Link .....
200271E	12311	Feed Regulating Handle Shaft Crank Link Hinge Screw (lower)
200291E	10438	Feed Regulating Handle Shaft Crank Link Hinge Screw (upper)
200098E	10438	Feed Regulating Handle Shaft Crank Set Screw .....
204213	10438	Feed Regulating Handle Shaft Sleeve (split) .....
200362C	12311	Feed Regulating Handle Shaft Sleeve Set Screw .....
202622	12306	Feed Regulating Handle Shaft Sleeve Washer .....
202036	12338	Feed Regulating Handle Stop Pin

No.	Plate	Name
204298	—	Feed Regulating Handle complete, Nos. 200291E, 204211, 204212 and 204288 .....
*203522	—	Hook (sewing) .....
203523	11238	" 203522 with 203525 and two 201253F .....
203524	11238	Hook and Bobbin Case complete, Nos. 203521 and 203523 .....
213810	13099	Hook Bevel Gear Socket, 24 teeth
200555H	11007	" " " " Screw ..
203242	11007	" " Pinion, 24 teeth, with two 200383c (2) .....
200383c	12311	Hook Bevel Pinion Set Screw ....
213136	11807	" Counter Shaft .....
203244	11007	" " Collar with two 200393c .....
200393c	11007	Hook Counter Shaft Collar Set Screw .....
203245	11007	Hook Counter Shaft Driving Gear, 44 teeth, with 200362c and 200439c
213157	13101	Hook Counter Shaft Driving Gear 203245 with 200045E and 213007
200439c	12311	Hook Counter Shaft Driving Gear Position Screw .....
200362c	12311	Hook Counter Shaft Driving Gear Set Screw .....
203246	11007	Hook Counter Shaft Gear, 22 teeth, with two 200383c .....
200383c	12311	Hook Counter Shaft Gear Set Screw .....
202299	—	Hook Counter Shaft Oil Packing (wick) .....
200840E	11007	Hook Counter Shaft Oil Packing (wick) Stop Screw .....
203352	13100	Hook Driving Shaft .....
203248	12334	" " " Bearing with 202299 .....
202299	—	Hook Driving Shaft Bearing Oil Packing (wick) .....
202126	12308	Hook Driving Shaft Bearing Position Pin .....
200516E	12311	Hook Driving Shaft Bearing Screw
213124	13103	" " " Bushing (eccentric) .....
202299	—	Hook Driving Shaft Bushing Oil Packing (wick) .....
200362c	12311	Hook Driving Shaft Bushing Set Screw .....
213141	13099	Hook Driving Shaft Collar with two 200393c .....

No.	Plate	Name
200393c	11007	Hook Driving Shaft Collar Set Screw .....
203525	11238	Hook Gib .....
201253F	13099	" " Screw .....
213682	11807	" Saddle (left) with 200056D, 200840E and 202299 .....
213681	11807	Hook Saddle (right) with 200056D
200006E	11007	" " Screw (4) .....
202622	12306	" " " Washer (4) ...
213037	—	" Washer .....
203527	11238	" " 213037 with 203476 and two 204243 .....
213798	11273	Hook Saddle (left) complete, Nos. 200555H, 203478, 203499, 203524, 203527, 213682, 213810 and 223371
213797	11273	Hook Saddle (right) complete, Nos. 200555H, 203478, 203499, 203524, 203527, 213681, 213810 and 223371
213799	—	Hook Saddle Combination (left and right) complete, Nos. 213797 and 213798 .....
202445	13100	Knee Lifter Connection Lever with 202446 .....
227313	—	Knee Lifter Connection Lever 202445 with 200224H, 200262H, 227303 and 227309 .....
200224H	12306	Knee Lifter Connection Lever Hinge Screw .....
227309	13100	Knee Lifter Connection Lever Lifting Rod with 202302 .....
202302	12306	Knee Lifter Connection Lever Lifting Rod Cotter Pin .....
202446	12306	Knee Lifter Connection Lever Pin
227303	13100	" " Lifting Lever .....
200262H	12306	" " " " Hinge Screw .....
231399	11807	Needle Bar (hollow) .....
213283	11137	" " Connecting Link ....
200237c	11137	" " " " Hinge Screw Stud .....
200380c	12319	Needle Bar Connecting Link Hinge Screw Stud Set Screw .....
204249	12308	Needle Bar Connecting Stud with 200072c and 202277 .....
202277	—	Needle Bar Connecting Stud Oil Packing (wick) .....
200072c	12308	Needle Bar Connecting Stud Pinch Screw .....

No.	Plate	Name
204829	11807	Needle Bar Frame .....
204830	13102	" " " Driving Crank with two 200382c .....
203154	-----	Needle Bar Frame Driving Crank 204830 with 200932c, 201525e and 203155 .....
204832	13101	Needle Bar Frame Driving Crank Connection (9½ in. long) .....
215652	-----	Needle Bar Frame Driving Crank 204832 with two 201528c .....
203155	11806	Needle Bar Frame Driving Crank Connection Bearing (lower) ....
200932c	11806	Needle Bar Frame Driving Crank Connection Bearing (lower) Hinge Screw .....
201525e	12386	Needle Bar Frame Driving Crank Connection Bearing (lower) Hinge Screw Nut .....
203155	11806	Needle Bar Frame Driving Crank Connection Bearing (upper) ....
200932c	11806	Needle Bar Frame Driving Crank Connection Bearing (upper) Hinge Screw .....
201525e	12386	Needle Bar Frame Driving Crank Connection Bearing (upper) Hinge Screw Nut .....
201528c	13102	Needle Bar Frame Driving Crank Connection Bearing Check Nut .....
203114	11806	Needle Bar Frame Driving Crank Connection Bell Crank with 200387c and 200447c .....
203156	11137	Needle Bar Frame Driving Crank Connection Bell Crank 203114 with two each 200932c, 201525e and 203155 .....
200447c	11806	Needle Bar Frame Driving Crank Connection Bell Crank Position Screw .....
200387c	13102	Needle Bar Frame Driving Crank Connection Bell Crank Set Screw .....
202899	11137	Needle Bar Frame Driving Crank Connection Bell Crank Stud .....
200382c	11137	Needle Bar Frame Driving Crank Set Screw .....
204838	13101	Needle Bar Frame Pitman (7½ in. long) .....
204642	- -	Needle Bar Frame Pitman 204838 with two 201528c .....

No.	Plate	Name
*204839	— -	Needle Bar Frame Pitman Ball Bearing with 204840 and two 200086c .....
204641	11137	Needle Bar Frame Pitman Ball Bearing 204839 with 200878 ....
*204840	-	Needle Bar Frame Pitman Ball Bearing Cap .....
200086c	12308	Needle Bar Frame Pitman Ball Bearing Cap Screw .....
200737c	11806	Needle Bar Frame Pitman Ball Screw .....
200878	- -	Needle Bar Frame Pitman Ball Screw 200737c with 201524e ....
201524e	12338	Needle Bar Frame Pitman Ball Screw Nut .....
203155	11806	Needle Bar Frame Pitman Bearing (right hand) .....
201528c	13102	Needle Bar Frame Pitman Bearing Check Nut (left or right) .....
200932c	11806	Needle Bar Frame Pitman Bearing Hinge Screw .....
201525e	12386	Needle Bar Frame Pitman Bearing Hinge Screw Nut .....
204843	11137	Needle Bar Frame Position Stud (lower) .....
200383c	12311	Needle Bar Frame Position Stud (lower) Set Screw .....
204844	11137	Needle Bar Frame Position Stud (upper) .....
200383c	12311	Needle Bar Frame Position Stud (upper) Set Screw .....
231386	13103	Needle Holder, in gauges from ¾ to 2 in., in steps of ⅛ in., with 201030e and two 200141e .....
201030e	13102	Needle Holder Screw .....
200141e	13102	" Set Screw .....
204251	12334	Presser Bar (hollow) .....
203779	13102	" " Bushing .....
200399c	11806	" " " Set Screw .....
204252	12308	" " Lifter .....
200550c	12311	" " " Hinge Screw .....
208609	- -	" " Lifting Bracket .....
204846	13102	" " " " 208609 with 200387c .....
204254	13102	Presser Bar Lifting Bracket Posi- tion Guide .....
200362c	12311	Presser Bar Lifting Bracket Posi- tion Guide Set Screw .....
200387c	13102	Presser Bar Lifting Bracket Set Screw .....

No.	Plate	Name
204258	12386	Presser Bar Spring (heavy) .....
200494B	13102	" " Thumb Screw (pressure regulating) .....
230795	13102	Presser Foot Hinge Pin .....
229891	-----	" " Plate, for 229892 ....
229905	-----	" " " " 229906 ....
231465	-----	" " " " 231466 ....
231473	-----	" " " " 231474 ....
231479	-----	" " " " 231480 ....
231495	-----	" " " " 231496 ....
200074F	12308	" " Screw .....
223309	-----	" " Shank .....
231466	11842	Presser Foot (hinged) complete, 46 needle hole, in gauges from $\frac{3}{32}$ to $\frac{1}{8}$ in., in steps of $\frac{1}{32}$ in., Nos. 223309, 230795 and 231465 .....
231474	14002	Presser Foot (hinged) complete, 46 needle hole, in gauges $\frac{3}{32}$ , 1, $1\frac{1}{8}$ and $1\frac{1}{4}$ in., Nos. 223309, 230795 and 231473 .....
231480	14002	Presser Foot (hinged) complete, 46 needle hole, in gauges $1\frac{1}{8}$ , $1\frac{1}{4}$ , $1\frac{3}{8}$ and $1\frac{7}{8}$ in., Nos. 223309, 230795 and 231479 .....
229892	14002	Presser Foot (hinged) complete, 46 needle hole, in gauges from $1\frac{7}{8}$ to $1\frac{1}{2}$ in., in steps of $\frac{1}{8}$ in., Nos. 223309, 229891 and 230795 .....
229906	14002	Presser Foot (hinged) complete, 46 needle hole, in gauges from $1\frac{1}{8}$ to $1\frac{1}{4}$ in., in steps of $\frac{1}{8}$ in., Nos. 223309, 229905 and 230795 .....
231496	14003	Presser Foot (hinged) complete, 46 needle hole, in gauges from $1\frac{1}{8}$ to 2 in., in steps of $\frac{1}{8}$ in., Nos. 223309, 230795 and 231495 .....
213115	13101	Take-up Cam with 200335c, 200383c and 200430c .....
203172	13102	Take-up Cam Friction Washer ....
200430c	12311	" " Position Screw .....
200383c	12311	" " " " Check Screw .....
200335c	12311	Take-up Cam Set Screw .....
213675	11144	Take-up Cam complete, Nos. 200237c, 200380c, 213115 and 213283 .....
204553	12386	Take-up Lever .....
206601	---	" " 204553 with 204263 .....
204263	12386	" " Bearing with 204264 .....
204264	12306	" " " Position Pin..

No.	Plate	Name
200042F	12311	Take-up Lever Bearing Screw ....
201816	13102	" " Roller .....
204554	12386	Take-up Lever complete, Nos. 200042F, 201816 and 206601 ....
202402	12309	Tension Disc .....
202090	12309	" " Position Pin .....
223311	12338	" Release Lever .....
200685E	12338	" " " Position Screw .....
200309E	12309	Tension Release Lever Screw ....
202075	12309	" " Plunger .....
204848	11806	" " Slide with 203695 ..
203695	11806	" " Spring .....
202407	10881	" Spring .....
200632B	12309	" Stud .....
200397H	12309	" " Set Screw .....
201572B	10881	" Thumb Nut .....
204271	12309	" Washer .....
204272	12309	Tension complete, Nos. 200632B, 201572c, 202075, 202407, 204271 and two 202402 .....
204274	12309	Thread Controller Plate .....
200577H	12311	" " " Screw ....
202098	12309	" " Roller .....
204275	12309	" " " Guard .....
202084	12309	" " " " Washer .....
200300c	12309	" " " Screw .....
204276	12309	" " Spring .....
204333	12309	" " " Guard .....
200581H	12309	" " " " Screw .....
202087	13102	" " " Stop .....
202088	13102	" " " Stud with 204925 .....
200366H	12309	Thread Controller Spring Stud Set Screw .....
204925	12306	Thread Controller Spring Stud Washer .....
205987	12309	Thread Controller complete, Nos. 200300c, 200581H, 202084, 202098, 204274, 204275 and 204333 .....
204280	12309	Thread Controller and Spring complete, Nos. 204276 and 205987 ..
204556	12386	Thread Guide .....
203313	12386	" " .....
204281	12309	" Retainer Guide Wire .....
202091	12309	" " Sleeve .....
202092	12309	" " Spring .....
204058	12309	" " Stud .....
200368H	12309	" " " Set Screw .....

No.	Plate	Name
204059	12309	Thread Retainer complete, Nos. 202091, 202092 and 204058 .....
211609	11828	Throat Plate, for 211607, in gauges from $\frac{3}{8}$ to $1\frac{1}{2}$ in., in steps of $\frac{1}{16}$ inch .....
211569	12074	Throat Plate, for 211570, in gauges from 1 to 2 in., in steps of $\frac{1}{16}$ inch .....
200161b	12319	Throat Plate Clamp Screw .....
202062	12308	" " Position Pin .....
200577H	12311	" " Screw .....

## MACHINE No. 22w170

### COMPOUND FEED

For Felling Overalls, Horse Blankets, Canvas, Etc.

In gauges from  $\frac{3}{8}$  to 2 inches.

The same as Machine No. 22w169 with the following exceptions:

No.	Plate	Name
*213683	—	Bed with 200840E, 202062, 202299, 203248, 213124, two each 200362C and 200516E, in place of 213680 ..
211607	11828	Feed Dog, 46 needle hole, for needle sizes 16 and 18, in gauges from $\frac{3}{8}$ to $1\frac{1}{2}$ in., in steps of $\frac{1}{16}$ in., for 211610 .....
211570	12074	Feed Dog, 46 needle hole, for needle sizes 16 and 18, in gauges from 1 to 2 in., in steps of $\frac{1}{16}$ in., for 221416 .....
230795	13102	Presser Foot Hinge Pin .....
229442	—	" " Plate, for 229443 ....
229446	—	" " " " 229447 ....
229916	—	" " " " 229917 ....
229937	—	" " " " 229938 ....
221455	—	" " " " 221456 ....
229443	14030	Presser Foot (hinged) complete, 40 needle hole, in gauges from $\frac{3}{8}$ to $1\frac{1}{8}$ in., in steps of $\frac{1}{16}$ in., Nos. 223309, 229442 and 230795 .....
229447	11844	Presser Foot (hinged) complete, 40 needle hole, in gauges from $1\frac{1}{8}$ to $1\frac{1}{2}$ in., in steps of $\frac{1}{16}$ in., Nos. 223309, 229446 and 230795 .....
229917	11843	Presser Foot (hinged) complete, 40 needle hole, in gauges from $1\frac{1}{8}$ to $1\frac{1}{2}$ in., in steps of $\frac{1}{16}$ in., Nos. 223309, 229916 and 230795 .....
229938	14030	Presser Foot (hinged) complete, 40 needle hole, in gauges from $1\frac{1}{8}$ to $1\frac{1}{2}$ in., in steps of $\frac{1}{16}$ in., Nos. 223309, 229937 and 230795 .....



No.	Plate	Name
221456	11843	Presser Foot (hinged) complete, 40 needle hole, in gauges from $1\frac{1}{8}$ to 2 in., in steps of $\frac{1}{8}$ in., Nos. 221455, 223309 and 230795 .....
211610	11827	Throat Plate, for 211607, in gauges from $\frac{3}{8}$ to $\frac{1}{2}$ in., in steps of $\frac{1}{32}$ inch .....
221416	11827	Throat Plate, for 211570, in gauges from 1 to 2 in., in steps of $\frac{1}{32}$ inch .....

## ACCESSORIES

FOR MACHINES Nos. 22w165 AND 22w167

No.	Plate	Name
200157B	12338	Attachment Screw .....
203470	13099	Bobbin (10) .....
*225482	---	Bobbin Case Screw Driver Blade ..
*225483	---	" " " " Handle
225497	12345	Bobbin Case Screw Driver complete, Nos. 225482 and 225483 ..
128 x 3	---	Needles, six each, sizes 12 and 14
225181	---	Drip Pan with four wood screws $\frac{1}{2}$ in., No. 5 .....
41400	12345	Machine Rest Pin (wood) .....
36578	12345	Oiler with 36579 .....
36579	12345	" Spout, $3\frac{1}{2}$ in. long, with 120117
120117	---	" " Washer (leather) .....
*225484	---	Screw Driver Blade .....
*225485	---	" " Handle .....
225498	12345	Screw Driver complete ( $7\frac{1}{4}$ in. long), Nos. 225484 and 225485 .....
225554	12345	Wrench (steel) .....

## BOBBIN WINDER

*225451	---	Bobbin Holder .....
225453	10882	Frame with 202277 and 225438 ....
225454	10882	" Hinge Pin .....
202277	---	" Oil Packing (wick) .....
225438	10882	" " Well Cap .....
225455	10882	" Spring .....
225456	10882	" " Plunger .....
202473	10883	Pulley with 200105c .....
200105c	---	" Set Screw .....
*225443	---	Spindle .....
225452	10882	" 225443 with 225451 .....
225444	10882	Stop Latch .....
200056e	10882	" " Screw .....
225458	10882	" " Thumb Lever .....
225459	10882	" " " " Hinge Stud
225460	10882	" " " " Joint Stud
202478	10882	" " Trip Lever .....
200299n	10882	" " " " Hinge Screw
225461	10881	Tension Bracket with 201499n ....
200082b	10882	" " Screw .....
228026	---	" " " Washer .....

No.	Plate	Name
2102	10881	Tension Disc .....
202407	10881	" Spring .....
201499b	10881	" Std .....
201572b	10881	" " Thumb Nut .....
225462	10881	Bobbin Winder Tension Bracket complete, Nos. 201572b, 202407, 225461 and two 2102 .....
225433	10883	Bobbin Winder and Tension Bracket Base .....
225436	10883	Universal Bobbin Winder com- plete, Nos. 200056e, 200082b, 200299n, 202473, 202478, 225433, 225444, 225452 to 225456, 225458 to 225460, 225462, 228026 and two wood screws $\frac{3}{4}$ in., No. 13, R.H.B.

## KNEE LIFTER

227781	13100	Knee Lifter Rock Lever with 200522c and 200529c .....
227782	— -	Knee Lifter Rock Lever 227781 with two each 202451 and 202452
227787	13100	Knee Lifter Rock Lever 227782 with 202203 and 227784 .....
202453	13100	Knee Lifter Rock Lever Knee Plate with 200526c .....
202203	— -	Knee Lifter Rock Lever Knee Plate 202453 with 202454 .....
202454	13100	Knee Lifter Rock Lever Knee Plate Arm (long) .....
200522c	12319	Knee Lifter Rock Lever Knee Plate Arm Set Screw .....
200526c	12319	Knee Lifter Rock Lever Knee Plate Set Screw .....
202451	13100	Knee Lifter Rock Lever Lug with two wood screws $\frac{3}{4}$ in., No. 13n..
202452	12319	Knee Lifter Rock Lever Lug Hinge Pin .....
227784	13100	Knee Lifter Rock Lever Rod, 3 in. long, with 227785 .....
*227785	— -	Knee Lifter Rock Lever Rod Cap or Oil Guard .....
200529c	12319	Knee Lifter Rock Lever Rod Set Screw .....

(Other Knee Lifter parts are listed with  
parts of machine head).

## THREAD UNWINDER

No.	Plate	Name
202486	— —	Spool Pin .....
202487	— —	" Rest .....
227498	— —	" " .....
202488	10838	" " 202487 with 200363c, 200383c and two 202486 .....
227499	10838	Spool Rest 227498 with 200363c and 202486 .....
202489	10838	Spool Rest Rod .....
200383c	12311	" " " Set Screw .....
200383c	12311	" " Set Screw .....
202490	10838	" Stand with 200383c .....
202491	— —	" Washer (steel) .....
202492	— —	" Weight with 202493 .....
202493	— -	" " Center with 202793 and 203163 .....
203163	— -	Spool Weight Center Bushing ....
202793	— -	" " Thread Guide .....
202794	10838	Thread Eyelet Rod .....
227605	10838	" " " .....
227606	10838	" " " Clamp with two 200396c .....
200396c	13103	Thread Eyelet Rod Clamp Set Screw .....
200363c	12338	Thread Eyelet Rod Set Screw ....
227500	10838	Thread Unwinder complete, Nos. 202488 to 202490, 202794, 227499, 227605, 227606, three each 202491, 202492 and wood screws $\frac{3}{4}$ in., No. 13 .....

## FOR MACHINES Nos. 22w166 AND 22w168 TO 22w170

Same as for Machine No. 22w165 with following  
exception:

128 x 3	— —	Needles, twelve, size 20, in place of six each sizes 12 and 14 .....
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## FEED DOGS

FOR MACHINE No. 22w165

No.	Plate	Name
211552	12072	Feed Dog, 50 needle hole, for needle sizes 14 and 15, in gauges from $\frac{3}{16}$ to $\frac{1}{4}$ in., in steps of $\frac{1}{32}$ in., for 211551 and 222200 .....
211553	12072	Feed Dog, 46 needle hole, for needle sizes 16 and 18, in gauges $\frac{1}{8}$ , $\frac{5}{16}$ , $\frac{3}{8}$ , $\frac{7}{16}$ and $\frac{1}{2}$ in., for 211551 and 222200 .....
211555	12072	Feed Dog, 50 needle hole, for needle sizes 14 and 15, in gauges from $\frac{1}{4}$ to $\frac{11}{16}$ in., in steps of $\frac{1}{16}$ in., for 211554, 211576, 211586 and 212096 .....
211556	12072	Feed Dog, 46 needle hole, for needle sizes 16 and 18, in gauges from $\frac{1}{4}$ to $\frac{11}{16}$ in., in steps of $\frac{1}{16}$ in., for 211554, 211576, 211586 and 212096 .....
211561	12073	Feed Dog, 50 needle hole, for needle sizes 14 and 15, in gauges $\frac{11}{16}$ , $\frac{3}{4}$ , $\frac{13}{16}$ , $\frac{7}{8}$ and $\frac{15}{16}$ in., for 211560 .....
211562	12073	Feed Dog, 46 needle hole, for needle sizes 16 and 18, in gauges $\frac{11}{16}$ , $\frac{3}{4}$ , $\frac{13}{16}$ , $\frac{7}{8}$ and $\frac{15}{16}$ in., for 211560 .....
211573	12075	Feed Dog, 50 needle hole, for needle sizes 14 and 15, in gauges $\frac{5}{16}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ and $\frac{7}{8}$ in., for 211572, 211575 and 211585 .....
211574	12075	Feed Dog, 46 needle hole, for needle sizes 16 and 18, in gauges $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ and $\frac{7}{8}$ in., for 211572, 211575 and 211585 .....
211583	12076	Feed Dog, 50 needle hole, for needle sizes 14 and 15, in gauges $\frac{3}{8}$ , $\frac{5}{16}$ , $\frac{1}{2}$ , $\frac{5}{8}$ and $\frac{3}{4}$ in., for 211582 .....
211588	12077	Feed Dog, 50 needle hole, for needle sizes 14 and 15, in gauges $\frac{11}{16}$ , $\frac{3}{4}$ and $\frac{7}{8}$ in., for 211587 .....
211606	11828	Feed Dog, 50 needle hole, for needle sizes 14 and 15, in gauges from $\frac{3}{16}$ to $\frac{1}{4}$ in., in steps of $\frac{1}{32}$ in., for 211609, 211610, 212000 and 212092 .....

No.	Plate	Name
211607	11828	Feed Dog, 46 needle hole, for needle sizes 16 and 18, in gauges from $\frac{3}{16}$ to $\frac{1}{4}$ in., in steps of $\frac{1}{32}$ in., for 211609, 211610, 212000 and 212092 .....
211997	11828	Feed Dog, 50 needle hole, for needle sizes 14 and 15, in gauges from $\frac{3}{16}$ to $\frac{1}{4}$ in., in steps of $\frac{1}{32}$ in., for 212000 .....
211998	11828	Feed Dog, 46 needle hole, for needle sizes 16 and 18, in gauges from $\frac{3}{16}$ to $\frac{1}{4}$ in., in steps of $\frac{1}{32}$ in., for 212000 .....
212253	11828	Feed Dog, 50 needle hole, for needle sizes 14 and 15, in gauges $\frac{11}{16}$ , $\frac{3}{4}$ and $\frac{13}{16}$ in., for 212254 .....
221412	12075	Feed Dog, 40 needle hole, for needle sizes 20 and 22, in gauges $\frac{3}{4}$ , $\frac{7}{8}$ and $\frac{15}{16}$ in., for 211572, 211575 and 211585 .....

FOR MACHINE No. 22w166

212253	11828	Feed Dog, 50 needle hole, for needle sizes 14 and 15, in gauges $\frac{11}{16}$ , $\frac{3}{4}$ and $\frac{13}{16}$ in., for 212254 .....
211556	12072	Feed Dog, 46 needle hole, for needle sizes 16 and 18, in gauges from $\frac{1}{4}$ to $\frac{11}{16}$ in., in steps of $\frac{1}{16}$ in., for 211554, 211576, 211586 and 212096 .....
211562	12073	Feed Dog, 46 needle hole, for needle sizes 16 and 18, in gauges $\frac{11}{16}$ , $\frac{3}{4}$ , $\frac{13}{16}$ , $\frac{7}{8}$ and $\frac{15}{16}$ in., for 211560 .....
211574	12075	Feed Dog, 46 needle hole, for needle sizes 16 and 18, in gauges $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ and $\frac{7}{8}$ in., for 211572 .....
211580	12072	Feed Dog, 40 needle hole, for needle sizes 20 and 22, in gauges from $\frac{1}{4}$ to $\frac{11}{16}$ in., in steps of $\frac{1}{16}$ in., for 211554, 211586 and 212096 .....
211295	12072	Feed Dog, 40 needle hole, for needle sizes 20 and 22, in gauges $\frac{3}{4}$ , $\frac{7}{8}$ and $\frac{1}{2}$ in., for 211551 and 222200 .....
211607	11828	Feed Dog, 46 needle hole, for needle sizes 16 and 18, in gauges from $\frac{3}{16}$ to $\frac{1}{4}$ in., in steps of $\frac{1}{32}$ in., for 211609 and 212092 .....
211608	11828	Feed Dog, 40 needle hole, for needle sizes 20 and 22, in gauges from $\frac{3}{16}$ to $\frac{1}{4}$ in., in steps of $\frac{1}{32}$ in., for 211609 and 212092 .....

No.	Plate	Name
211616	12073	Feed Dog, 40 needle hole, for needle sizes 20 and 22, in gauges $\frac{1}{16}$ , $\frac{1}{8}$ , $\frac{3}{16}$ , $\frac{1}{4}$ and $\frac{5}{16}$ in., for 211560 .....
211998	11828	Feed Dog, 46 needle hole, for needle sizes 16 and 18, in gauges from $\frac{1}{16}$ to $\frac{3}{4}$ in., in steps of $\frac{1}{32}$ in., for 212000 .....
211999	11828	Feed Dog, 40 needle hole, for needle sizes 20 and 22, in gauges from $\frac{1}{16}$ to $\frac{3}{4}$ in., in steps of $\frac{1}{32}$ in., for 212000 .....
221412	12075	Feed Dog, 40 needle hole, for needle sizes 20 and 22, in gauges $\frac{1}{16}$ , $\frac{1}{8}$ and $\frac{1}{4}$ in., for 211572 and 211585 .....

## FOR MACHINE No. 22w167

211555	12072	Feed Dog, 50 needle hole, for needle sizes 14 and 15, in gauges from $\frac{1}{4}$ to $\frac{11}{16}$ in., in steps of $\frac{1}{16}$ in., for 211576 .....
211556	12072	Feed Dog, 46 needle hole, for needle sizes 16 and 18, in gauges from $\frac{1}{4}$ to $\frac{11}{16}$ in., in steps of $\frac{1}{16}$ in., for 211576 .....
211573	12075	Feed Dog, 50 needle hole, for needle sizes 14 and 15, in gauges $\frac{1}{16}$ , $\frac{1}{8}$ , $\frac{3}{16}$ , $\frac{1}{4}$ , $\frac{5}{16}$ and $\frac{3}{8}$ in., for 211575 .....
211574	12075	Feed Dog, 46 needle hole, for needle sizes 16 and 18, in gauges $\frac{1}{16}$ , $\frac{1}{8}$ and $\frac{1}{4}$ in., for 211575 .....
211606	11828	Feed Dog, 50 needle hole, for needle sizes 14 and 15, in gauges from $\frac{1}{16}$ to $\frac{3}{4}$ in., in steps of $\frac{1}{32}$ in., for 211610 .....
211607	11828	Feed Dog, 46 needle hole, for needle sizes 16 and 18, in gauges from $\frac{1}{16}$ to $\frac{3}{4}$ in., in steps of $\frac{1}{32}$ in., for 211610 .....

## FOR MACHINE No. 22w168

211556	12072	Feed Dog, 46 needle hole, for needle sizes 16 and 18, in gauges from $\frac{1}{4}$ to $\frac{11}{16}$ in., in steps of $\frac{1}{16}$ in., for 211576 .....
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No.	Plate	Name
211574	12075	Feed Dog, 46 needle hole, for needle sizes 16 and 18, in gauges $\frac{1}{16}$ , $\frac{1}{8}$ , $\frac{3}{16}$ and $\frac{1}{4}$ in., for 211575 .....
211580	12072	Feed Dog, 40 needle hole, for needle sizes 20 and 22, in gauges from $\frac{1}{4}$ to $\frac{11}{16}$ in., in steps of $\frac{1}{16}$ in., for 211576 .....
211607	11828	Feed Dog, 46 needle hole, for needle sizes 16 and 18, in gauges from $\frac{1}{16}$ to $\frac{3}{4}$ in., in steps of $\frac{1}{32}$ in., for 211610 .....
211608	11828	Feed Dog, 40 needle hole, for needle sizes 20 and 22, in gauges from $\frac{1}{16}$ to $\frac{3}{4}$ in., in steps of $\frac{1}{32}$ in., for 211610 and 211660 .....
221412	12075	Feed Dog, 40 needle hole, for needle sizes 20 and 22, in gauges $\frac{1}{16}$ , $\frac{1}{8}$ and $\frac{1}{4}$ in., for 211575 .....

## FOR MACHINE No. 22w168

211570	12074	Feed Dog, 46 needle hole, for needle sizes 16 and 18, in gauges from 1 to 2 in., in steps of $\frac{1}{32}$ in., for 211569 .....
211571	12074	Feed Dog, 40 needle hole, for needle sizes 20 and 22, in gauges from 1 to 2 in., in steps of $\frac{1}{16}$ in., for 211569 .....
211996	12074	Feed Dog, 50 needle hole, for needle sizes 14 and 15, in gauges from 1 to 2 in., in steps of $\frac{1}{16}$ in., for 211569 .....
221997	11828	Feed Dog, 50 needle hole, for needle sizes 14 and 15, in gauges from $\frac{1}{16}$ to $\frac{11}{16}$ in., in steps of $\frac{1}{16}$ in., for 212000 .....
211998	11828	Feed Dog, 46 needle hole, for needle sizes 16 and 18, in gauges from $\frac{1}{16}$ to $\frac{11}{16}$ in., in steps of $\frac{1}{16}$ in., for 212000 .....
211999	11828	Feed Dog, 40 needle hole, for needle sizes 20 and 22, in gauges from $\frac{1}{16}$ to $\frac{11}{16}$ in., in steps of $\frac{1}{16}$ in., for 212000 .....
211606	11828	Feed Dog, 50 needle hole, for needle sizes 14 and 15, in gauges from $\frac{1}{16}$ to $\frac{11}{16}$ in., in steps of $\frac{1}{16}$ in., for 211609, 212000 and 212092 .....

No.	Plate	Name
211607	11828	Feed Dog, 46 needle hole, for needle sizes 16 and 18, in gauges from $\frac{3}{32}$ to $\frac{31}{32}$ in., in steps of $\frac{1}{32}$ in., for 211609, 212000 and 212092 .....
211608	11828	Feed Dog, 40 needle hole, for needle sizes 20 and 22, in gauges from $\frac{23}{32}$ to $\frac{31}{32}$ in., in steps of $\frac{1}{32}$ in., for 211609, 212000 and 212092 .....

## FOR MACHINE No. 22w170

211570	12074	Feed Dog, 46 needle hole, for needle sizes 16 and 18, in gauges from 1 to 2 in., in steps of $\frac{1}{32}$ in., for 221416 .....
211571	12074	Feed Dog, 40 needle hole, for needle sizes 20 and 22, in gauges from 1 to 2 in., in steps of $\frac{1}{32}$ in., for 221416 .....
211996	12074	Feed Dog, 50 needle hole, for needle sizes 14 and 15, in gauges from 1 to 2 in., in steps of $\frac{1}{32}$ in., for 221416 .....
211606	11828	Feed Dog, 50 needle hole, for needle sizes 14 and 15, in gauges from $\frac{23}{32}$ to $\frac{31}{32}$ in., in steps of $\frac{1}{32}$ in., for 211610 .....
211607	11828	Feed Dog, 46 needle hole, for needle sizes 16 and 18, in gauges from $\frac{23}{32}$ to $\frac{31}{32}$ in., in steps of $\frac{1}{32}$ in., for 211610 .....
211608	11828	Feed Dog, 40 needle hole, for needle sizes 20 and 22, in gauges from $\frac{23}{32}$ to $\frac{31}{32}$ in., in steps of $\frac{1}{32}$ in., for 211610 and 221460 .....

## NEEDLE HOLDERS

No.	Plate	Name
231383	13102	Needle Holder, in gauges from $\frac{3}{32}$ to $\frac{1}{2}$ in., in steps of $\frac{1}{32}$ in., with 201030r and two 200141r, for Machines Nos. 22w165 to 22w168 ..
231385	13102	Needle Holder, in gauges from $\frac{1}{16}$ to $\frac{3}{4}$ in., in steps of $\frac{1}{16}$ in., with 201030r and two 200141r, for Machines Nos. 22w165 to 22w168 ..
231386	13103	Needle Holder, in gauges from $\frac{1}{16}$ to 2 in., in steps of $\frac{1}{16}$ in., with 201030r and two 200141r, for Machines Nos. 22w169 and 22w170 ..

# PRESSER FEET

FOR MACHINE No. 22w165

No.	Plate	Name
229007	14028	Presser Foot with two 229434 and four 200172H, adjustable from $\frac{1}{8}$ to $\frac{3}{8}$ inch .....
229323	11840	Presser Foot, 46 needle hole, in gauges from $\frac{1}{16}$ to $\frac{3}{4}$ in., in steps of $\frac{1}{16}$ inch .....
229411	14003	Presser Foot, 53 needle hole, in gauges from $\frac{1}{8}$ to $\frac{5}{8}$ in., in steps of $\frac{1}{16}$ inch .....
229412	14003	Presser Foot, 53 needle hole, in gauges from $\frac{1}{8}$ to $\frac{5}{8}$ in., in steps of $\frac{1}{16}$ inch .....
229414	11840	Presser Foot, 50 needle hole, in gauges from $\frac{1}{8}$ to $\frac{5}{8}$ in., in steps of $\frac{1}{16}$ inch .....
229415	14003	Presser Foot, 50 needle hole, in gauges from $\frac{1}{8}$ to $\frac{5}{8}$ in., in steps of $\frac{1}{16}$ inch .....
221418	11840	Presser Foot, 53 needle hole, in gauges from $\frac{1}{16}$ to $\frac{5}{8}$ in., in steps of $\frac{1}{16}$ inch .....
229431	14028	Presser Foot, 53 needle hole, in gauges from $\frac{1}{8}$ to $\frac{1}{2}$ in., in steps of $\frac{1}{16}$ in., with 200172H and 229541 .....
229433	14028	Presser Foot, 53 needle hole, in gauges from $\frac{1}{8}$ to $\frac{5}{8}$ in., in steps of $\frac{1}{16}$ in., for strip work .....
229435	14028	Presser Foot with two 229434 and four 200172H, adjustable from $\frac{1}{8}$ to $\frac{5}{8}$ in., for inside staying ....
229438	11840	Presser Foot, 53 needle hole, in gauges from $\frac{1}{8}$ to $\frac{5}{8}$ in., in steps of $\frac{1}{16}$ in., for outside staying ....
229503	14003	Presser Foot, 50 needle hole, in gauges from $\frac{1}{8}$ to $\frac{1}{2}$ in., in steps of $\frac{1}{16}$ inch .....
231513	13103	Presser Foot, 50 needle hole, in gauges from $\frac{1}{8}$ to $2\frac{1}{4}$ in., in steps of $\frac{1}{16}$ in., for strip work .....
231514	13103	Presser Foot, 46 needle hole, in gauges from $\frac{1}{8}$ to $2\frac{1}{4}$ in., in steps of $\frac{1}{16}$ in., for strip work .....

No.	Plate	Name
202090	12309	Presser Foot Hinge Pin .....
230795	13102	" " " " .....
229434	14028	" " Needle Guide, for 229007 and 229435 .....
200172H	13103	Presser Foot Needle Guide Screw..
229235	-----	" " Plate, for 229236 ....
229237	-----	" " " " 229238 ....
229257	-----	" " " " 229258 ....
229259	-----	" " " " 229260 ....
229267	-----	" " " " 229268 ....
229269	-----	" " " " 229270 ....
229390	-----	" " " " 231510 ....
229395	-----	" " " " 229396 ....
229397	-----	" " " " 229398 ....
229416	-----	" " " " 231509 ....
229623	-----	" " " " 231512 ....
229895	-----	" " " " 229896 ....
229897	-----	" " " " 229898 ....
229901	-----	" " " " 229902 ....
229968	-----	" " " " 229969 ....
231455	-----	" " " " 231456 ....
229239	-----	" " " " 229240 ....
229613	-----	" " " " 229614 ....
229827	-----	" " " " 229826 ....
231457	-----	" " " " 231458 ....
231499	-----	" " " " 231500 ....
229444	-----	" " " " 229445 ....
202996	-----	" " Shank .....
229885	-----	" " " " .....
223309	-----	" " " " .....
202989	13102	" " Spring .....
229541	-----	" " " Guide, in gauges from $\frac{1}{8}$ to $\frac{1}{2}$ in., in steps of $\frac{1}{16}$ inch .....
200172H	13103	Presser Foot Spring Guide Screw
229236	11840	Presser Foot (hinged) complete, 46 needle hole, in gauges $\frac{1}{8}$ , $\frac{5}{8}$ and $\frac{7}{8}$ in., Nos. 223309, 229235 and 230795 .....
229238	11840	Presser Foot (hinged) complete, 50 needle hole, in gauges $\frac{1}{8}$ , $\frac{3}{4}$ , $\frac{5}{8}$ and $\frac{7}{8}$ in., Nos. 223309, 229237 and 230795 .....
229258	11840	Presser Foot (hinged) complete, 46 needle hole, in gauges $\frac{1}{8}$ , $\frac{3}{4}$ , $\frac{5}{8}$ and $\frac{7}{8}$ in., Nos. 223309, 229257 and 230795 .....

No.	Plate	Name
229260	11840	Presser Foot (hinged) complete, 50 needle hole, in gauges $\frac{31}{32}$ , $\frac{1}{2}$ , $\frac{5}{8}$ and $\frac{3}{4}$ in., Nos. 223309, 229259 and 230795 .....
229268	11840	Presser Foot (hinged) complete, 46 needle hole, in gauges $\frac{11}{16}$ , $\frac{3}{4}$ , $\frac{13}{16}$ and $\frac{7}{8}$ in., Nos. 223309, 229267 and 230795 .....
229270	11840	Presser Foot (hinged) complete, 46 needle hole, in gauges $\frac{31}{32}$ , $\frac{11}{16}$ , $\frac{3}{4}$ and $\frac{7}{8}$ in., Nos. 223309, 229269 and 230795 .....
229396	11840	Presser Foot (hinged) complete, 50 needle hole, in gauges $\frac{11}{16}$ , $\frac{3}{4}$ , $\frac{13}{16}$ and $\frac{7}{8}$ in., Nos. 223309, 229395 and 230795 .....
229398	11842	Presser Foot (hinged) complete, 53 needle hole, in gauges from $\frac{31}{32}$ to $\frac{7}{8}$ in., in steps of $\frac{1}{32}$ in., Nos. 223309, 229397 and 230795 .....
231509	11841	Presser Foot (hinged) complete, 50 needle hole, in gauges $\frac{3}{4}$ and $\frac{7}{8}$ in., Nos. 229416, 229885 and 230795 .....
229896	11840	Presser Foot (hinged) complete, 53 needle hole, in gauges $\frac{11}{16}$ , $\frac{3}{4}$ , $\frac{13}{16}$ and $\frac{7}{8}$ in., Nos. 223309, 229895 and 230795 .....
229898	11842	Presser Foot (hinged) complete, 46 needle hole, in gauges from $\frac{11}{16}$ to $\frac{7}{8}$ in., in steps of $\frac{1}{32}$ in., Nos. 223309, 229897 and 230795 .....
229902	11840	Presser Foot (hinged) complete, 53 needle hole, in gauges $\frac{11}{16}$ , $\frac{11}{16}$ , $\frac{3}{4}$ and $\frac{7}{8}$ in., Nos. 223309, 229901 and 230795 .....
229969	11841	Presser Foot (hinged) complete, 50 needle hole, in gauges from $\frac{11}{16}$ to $\frac{7}{8}$ in., in steps of $\frac{1}{32}$ in., Nos. 223309, 229968 and 230795 .....
231456	13103	Presser Foot (hinged) complete, 50 needle hole, in gauges from $\frac{11}{16}$ to $\frac{7}{8}$ in., in steps of $\frac{1}{32}$ in., Nos. 223309, 230795 and 231455 .....
229240	11841	Presser Foot (hinged) complete, 46 needle hole, in gauges from $\frac{1}{2}$ to $\frac{3}{4}$ in., in steps of $\frac{1}{8}$ in., Nos. 202989, 202996, 229239 and 230795

No.	Plate	Name
229614	11841	Presser Foot (hinged) complete, 50 needle hole, in gauges $\frac{31}{32}$ , $\frac{1}{2}$ , $\frac{5}{8}$ and $\frac{3}{4}$ in., Nos. 223309, 229613 and 230795 .....
229826	11841	Presser Foot (hinged) complete, 50 needle hole, in gauges $\frac{11}{16}$ , $\frac{3}{4}$ , $\frac{13}{16}$ and $\frac{7}{8}$ in., Nos. 223309, 229827 and 230795 .....
231458	11840	Presser Foot (hinged) complete, 50 needle hole, in gauges $\frac{31}{32}$ , $\frac{11}{16}$ , $\frac{3}{4}$ and $\frac{7}{8}$ in., Nos. 223309, 230795 and 231457 .....
231500	11840	Presser Foot (hinged) complete, 53 needle hole, in gauges $\frac{31}{32}$ , $\frac{1}{2}$ , $\frac{5}{8}$ and $\frac{3}{4}$ in., Nos. 223309, 230795 and 231499 .....
229445	11841	Presser Foot (hinged) complete, 53 needle hole, in gauges $\frac{31}{32}$ , $\frac{1}{2}$ , $\frac{5}{8}$ and $\frac{3}{4}$ in., Nos. 202090, 223309 and 229444 .....
231510	11842	Presser Foot (hinged) complete, 53 needle hole, in gauges $\frac{31}{32}$ , $\frac{1}{2}$ , $\frac{5}{8}$ and $\frac{3}{4}$ in., Nos. 223309, 229390 and 230795 .....
231512	11840	Presser Foot (hinged) complete, 53 needle hole, in gauges $\frac{31}{32}$ , $\frac{1}{2}$ , $\frac{5}{8}$ and $\frac{3}{4}$ in., Nos. 223309, 229623 and 230795 .....

## FOR MACHINE No. 22w166

229235	---	Presser Foot Plate, for 229236 ....
229257	---	" " " " 229258 ....
229267	---	" " " " 229268 ....
229269	---	" " " " 229270 ....
229391	---	" " " " 231511 ....
229439	---	" " " " 229413 ....
229449	---	" " " " 229450 ....
229893	---	" " " " 229894 ....
229897	---	" " " " 229898 ....
229899	---	" " " " 229900 ....
231451	---	" " " " 231452 ....
231459	---	" " " " 231460 ....
231461	---	" " " " 231462 ....
231501	---	" " " " 231502 ....
231503	---	" " " " 231504 ....
231453	---	" " " " 231454 ....
224065	---	" " " " 224066 ....

No.	Plate	Name
229236	11840	Presser Foot (hinged) complete, 46 needle hole, in gauges $\frac{1}{8}$ , $\frac{3}{16}$ and $\frac{1}{4}$ in., Nos. 223309, 229235 and 230795 .....
229258	11840	Presser Foot (hinged) complete, 46 needle hole, in gauges $\frac{3}{16}$ , $\frac{1}{2}$ , $\frac{5}{8}$ and $\frac{3}{4}$ in., Nos. 223309, 229257 and 230795 .....
229268	11840	Presser Foot (hinged) complete, 46 needle hole, in gauges $\frac{1}{8}$ , $\frac{3}{16}$ and $\frac{1}{4}$ in., Nos. 223309, 229267 and 230795 .....
229270	11840	Presser Foot (hinged) complete, 46 needle hole, in gauges $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ and $\frac{1}{2}$ in., Nos. 223309, 229269 and 230795 .....
229413	11842	Presser Foot (hinged) complete, 38 needle hole, in gauges from $\frac{1}{8}$ to $\frac{3}{4}$ in., in steps of $\frac{1}{16}$ in., Nos. 223309, 229439 and 230795 .....
229450	11840	Presser Foot (hinged) complete, 40 needle hole, in gauges $\frac{3}{16}$ , $\frac{1}{2}$ , $\frac{3}{4}$ and $\frac{7}{8}$ in., Nos. 223309, 229449 and 230795 .....
229894	11840	Presser Foot (hinged) complete, 40 needle hole, in gauges $\frac{1}{8}$ , $\frac{3}{16}$ and $\frac{1}{4}$ in., Nos. 223309, 229893 and 230795 .....
229898	11842	Presser Foot (hinged) complete, 46 needle hole, in gauges from $\frac{1}{8}$ to $\frac{3}{4}$ in., in steps of $\frac{1}{16}$ in., Nos. 223309, 229897 and 230795 .....
229900	11842	Presser Foot (hinged) complete, 40 needle hole, in gauges from $\frac{1}{8}$ to $\frac{3}{4}$ in., in steps of $\frac{1}{16}$ in., Nos. 223309, 229899 and 230795 .....
231452	11840	Presser Foot (hinged) complete, 38 needle hole, in gauges $\frac{3}{16}$ , $\frac{1}{2}$ , $\frac{5}{8}$ and $\frac{3}{4}$ in., Nos. 223309, 230795 and 231451 .....
231460	11840	Presser Foot (hinged) complete, 40 needle hole, in gauges $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ and $\frac{1}{2}$ in., Nos. 223309, 230795 and 231459 .....
231462	11840	Presser Foot (hinged) complete, 38 needle hole, in gauges $\frac{1}{8}$ , $\frac{1}{4}$ , $\frac{3}{8}$ and $\frac{1}{2}$ in., Nos. 223309, 230795 and 231461 .....

No.	Plate	Name
231502	11840	Presser Foot (hinged) complete, 40 needle hole, in gauges $\frac{1}{8}$ , $\frac{3}{16}$ and $\frac{1}{4}$ in., Nos. 223309, 230795 and 231501 .....
231454	11840	Presser Foot (hinged) complete, 38 needle hole, in gauges $\frac{1}{8}$ , $\frac{3}{16}$ and $\frac{1}{4}$ in., Nos. 223309, 230795 and 231453 .....
231504	11840	Presser Foot (hinged) complete, 38 needle hole, in gauges $\frac{1}{8}$ , $\frac{3}{16}$ and $\frac{1}{4}$ in., Nos. 223309, 230795 and 231503 .....
231511	11842	Presser Foot (hinged) complete, 38 needle hole, in gauges $\frac{1}{8}$ , $\frac{3}{16}$ and $\frac{1}{4}$ in., Nos. 223309, 229391 and 230795 .....
224066	13103	Presser Foot (hinged) complete, 53 needle hole, in $\frac{3}{4}$ in. gauge, Nos. 223309, 224065 and 230795, for lap seam felling .....

## FOR MACHINE No. 22w167

229233	-	Presser Foot Plate, for 211547 ....
229311	-----	" " " " 229312 ....
229313	-----	" " " " 229314 ....
229422	-----	" " " " 229315 ....
229424	-----	" " " " 229316 ....
229418	-----	" " " " 229419 ....
229436	-----	" " " " 229437 ....
229420	-----	" " " " 229585 ....
229846	-----	" " " " 229847 ....
229886	-----	" " " " 229887 ....
223309	-	" " Shank .....
211547	11842	Presser Foot (hinged) complete, 53 needle hole, in gauges from $\frac{1}{8}$ to $\frac{3}{4}$ in., in steps of $\frac{1}{16}$ in., Nos. 223309, 229233 and 230795 .....
229312	14028	Presser Foot (hinged) complete, 53 needle hole, in gauges $\frac{1}{8}$ , $\frac{3}{16}$ and $\frac{1}{4}$ in., Nos. 223309, 229311 and 230795. Hinge Pin set back $\frac{1}{16}$ in. from regular .....
229314	11842	Presser Foot (hinged) complete, 50 needle hole, in gauges from $\frac{1}{8}$ to $\frac{3}{4}$ in., in steps of $\frac{1}{16}$ in., Nos. 223309, 229313 and 230795 .....



No.	Plate	Name
229315	11841	Presser Foot (hinged) complete, 53 needle hole, in gauges $\frac{11}{16}$ , $\frac{1}{2}$ , $\frac{3}{4}$ and $\frac{5}{8}$ in., Nos. 223309, 229422 and 230795 .....
229316	11841	Presser Foot (hinged) complete, 53 needle hole, in gauges $\frac{11}{16}$ , $\frac{1}{2}$ , $\frac{3}{4}$ and $\frac{5}{8}$ in., Nos. 223309, 229424 and 230795 .....
229419	14028	Presser Foot (hinged) complete, 53 needle hole, in gauges $\frac{11}{16}$ , $\frac{1}{2}$ , $\frac{3}{4}$ and $\frac{5}{8}$ in., Nos. 223309, 229418 and 230795. Hinge Pin set back $\frac{1}{8}$ in. from regular, for felling ..
229437	11841	Presser Foot (hinged) complete, 53 needle hole, in gauges $\frac{11}{16}$ , $\frac{1}{2}$ , $\frac{3}{4}$ and $\frac{5}{8}$ in., Nos. 223309, 229436 and 230795 .....
229585	11842	Presser Foot (hinged) complete, 53 needle hole, in gauges $\frac{1}{2}$ , $\frac{3}{4}$ and $\frac{5}{8}$ in., Nos. 223309, 229420 and 230795 .....
229847	11842	Presser Foot (hinged) complete, 50 needle hole in gauges $\frac{1}{2}$ , $\frac{3}{4}$ and $\frac{5}{8}$ in., Nos. 223309, 229846 and 230795 .....
229887	14028	Presser Foot (hinged) complete, 53 needle hole, in gauges $\frac{11}{16}$ , $\frac{1}{2}$ , $\frac{3}{4}$ and $\frac{5}{8}$ in., Nos. 223309, 229886 and 230795. Hinge Pin set back $\frac{1}{8}$ in. from regular, for corset felling .....

## FOR MACHINE No. 22w168

229605	-----	Presser Foot Plate, for 229428 ....
229606	-----	" " " " 229429 ....
229607	-----	" " " " 229430 ....
229426	-----	" " " " 229432 ....
229912	-----	" " " " 229913 ....
229914	-----	" " " " 229915 ....
223310	-----	" " Shank .....
229428	11842	Presser Foot (hinged) complete, 40 needle hole, in gauges $\frac{11}{16}$ , $\frac{1}{2}$ , $\frac{3}{4}$ and $\frac{5}{8}$ in., Nos. 223309, 229605 and 230795, for overall felling ..
229429	14030	Presser Foot (hinged) complete, 40 needle hole, in gauges $\frac{11}{16}$ , $\frac{1}{2}$ , $\frac{3}{4}$ and $\frac{5}{8}$ in., Nos. 223309, 229606 and 230795, for overall felling ..

No.	Plate	Name
229430	14030	Presser Foot (hinged) complete, 40 needle hole, in gauges $\frac{11}{16}$ , $\frac{1}{2}$ , $\frac{3}{4}$ and $\frac{5}{8}$ in., Nos. 223309, 229607 and 230795, for overall felling ..
229432	11844	Presser Foot (hinged) complete, 40 needle hole, in gauges from $\frac{11}{16}$ to $\frac{5}{8}$ in., in steps of $\frac{1}{16}$ in., Nos. 223309, 229426 and 230795, for overall felling .....
229913	11842	Presser Foot (hinged) complete, 38 needle hole, in gauges $\frac{11}{16}$ , $\frac{1}{2}$ , $\frac{3}{4}$ and $\frac{5}{8}$ in., Nos. 223310, 229912 and 230795. Hinge Pin set back $\frac{1}{8}$ in. from regular, for felling ..
229915	14030	Presser Foot (hinged) complete, 40 needle hole, in gauges $\frac{11}{16}$ and $\frac{1}{2}$ in., Nos. 223309, 229914 and 230795 .....

## FOR MACHINE No. 22w169

221419	-----	Presser Foot Plate, for 221420 ....
229309	-----	" " " " 221310 ....
229399	-----	" " " " 229400 ....
229401	-----	" " " " 229402 ....
229403	-----	" " " " 229404 ....
229405	-----	" " " " 229406 ....
229407	-----	" " " " 229408 ....
229409	-----	" " " " 229410 ....
229891	-----	" " " " 229892 ....
229903	-----	" " " " 229904 ....
229905	-----	" " " " 229906 ....
229907	-----	" " " " 229908 ....
229910	-----	" " " " 229911 ....
231269	-----	" " " " 231270 ....
231463	-----	" " " " 231464 ....
231465	-----	" " " " 231466 ....
231467	-----	" " " " 231468 ....
231469	-----	" " " " 231470 ....
231471	-----	" " " " 231472 ....
231473	-----	" " " " 231474 ....
231475	-----	" " " " 231476 ....
231477	-----	" " " " 231478 ....
231479	-----	" " " " 231480 ....
231481	-----	" " " " 231482 ....
231483	-----	" " " " 231484 ....
231485	-----	" " " " 231486 ....
231487	-----	" " " " 231488 ....
231489	-----	" " " " 231490 ....

No.	Plate	Name
231491	----	Presser Foot Plate, for 231492 ....
231493	----	" " " " 231494 ....
231495	----	" " " " 231496 ....
231497	----	" " " " 231498 ....
231507	----	" " " " 231508 ....
202993	----	" " Shank .....
202989	13103	" " Spring .....
229415	14003	Presser Foot, 50 needle hole, in gauges from $\frac{3}{32}$ to $1\frac{1}{16}$ in., in steps of $\frac{1}{32}$ inch .....
231513	13103	Presser Foot, 50 needle hole, in gauges from $\frac{3}{32}$ to $2\frac{1}{4}$ in., in steps of $\frac{1}{32}$ in., for strip work ..
231514	13103	Presser Foot, 46 needle hole, in gauges from $\frac{1}{2}$ to $2\frac{1}{4}$ in., in steps of $\frac{1}{32}$ in., for strip work .....
221420	11844	Presser Foot (hinged) complete, 46 needle hole, in gauges from $\frac{3}{32}$ to $1\frac{1}{4}$ in., in steps of $\frac{1}{32}$ in., Nos. 202989, 202993, 221419 and 230795
229310	11843	Presser Foot (hinged) complete, 50 needle hole, in gauges from $1\frac{1}{32}$ to 2 in., in steps of $\frac{1}{32}$ in., Nos. 202989, 202993, 229309 and 230795
229400	11842	Presser Foot (hinged) complete, 53 needle hole, in gauges from $\frac{3}{32}$ to $1\frac{1}{4}$ in., in steps of $\frac{1}{32}$ in., Nos. 223309, 229399 and 230795 .....
229402	14002	Presser Foot (hinged) complete, 53 needle hole, in gauges $\frac{3}{32}$ , 1, $1\frac{1}{32}$ and $1\frac{1}{16}$ in., Nos. 223309, 229401 and 230795 .....
229404	14002	Presser Foot (hinged) complete, 53 needle hole, in gauges $1\frac{1}{32}$ , 1 $\frac{1}{2}$ , $1\frac{1}{8}$ and $1\frac{1}{16}$ in., Nos. 223309, 229403 and 230795 .....
229406	14002	Presser Foot (hinged) complete, 53 needle hole, in gauges from $1\frac{1}{32}$ to $1\frac{1}{16}$ in., in steps of $\frac{1}{32}$ in., Nos. 223309, 229405 and 230795 .....
229408	14002	Presser Foot (hinged) complete, 53 needle hole, in gauges from $1\frac{1}{32}$ to $1\frac{1}{16}$ in., in steps of $\frac{1}{32}$ in., Nos. 223309, 229407 and 230795 .....
229410	14003	Presser Foot (hinged) complete, 53 needle hole, in gauges from $1\frac{1}{32}$ to 2 in., in steps of $\frac{1}{32}$ in., Nos. 223309, 229409 and 230795 .....

No.	Plate	Name
229892	14002	Presser Foot (hinged) complete, 46 needle hole, in gauges from $1\frac{1}{32}$ to $1\frac{1}{16}$ in., in steps of $\frac{1}{32}$ in., Nos. 223309, 229891 and 230795 .....
229904	14002	Presser Foot (hinged) complete, 38 needle hole, in gauges from $1\frac{1}{32}$ to $1\frac{1}{16}$ in., in steps of $\frac{1}{32}$ in., Nos. 223309, 229903 and 230795 .....
229906	14002	Presser Foot (hinged) complete, 46 needle hole, in gauges from $1\frac{1}{32}$ to $1\frac{1}{16}$ in., in steps of $\frac{1}{32}$ in., Nos. 223309, 229905 and 230795 .....
229908	14003	Presser Foot (hinged) complete, 40 needle hole, in gauges from $1\frac{1}{32}$ to 2 in., in steps of $\frac{1}{32}$ in., Nos. 223309, 229907 and 230795 .....
229911	14002	Presser Foot (hinged) complete, 40 needle hole, in gauges $\frac{3}{32}$ , 1, $1\frac{1}{32}$ and $1\frac{1}{16}$ in., Nos. 223309, 229910 and 230795 .....
231270	11844	Presser Foot (hinged) complete, 50 needle hole, in gauges from $\frac{3}{32}$ to $1\frac{1}{4}$ in., in steps of $\frac{1}{32}$ in., Nos. 202989, 202993, 230795 and 231269
231464	11842	Presser Foot (hinged) complete, 50 needle hole, in gauges from $\frac{3}{32}$ to $1\frac{1}{4}$ in., in steps of $\frac{1}{32}$ in., Nos. 223309, 230795 and 231463 .....
231466	11842	Presser Foot (hinged) complete, 46 needle hole, in gauges from $\frac{3}{32}$ to $1\frac{1}{4}$ in., in steps of $\frac{1}{32}$ in., Nos. 223309, 230795 and 231465 .....
231468	11842	Presser Foot (hinged) complete, 40 needle hole, in gauges from $\frac{3}{32}$ to $1\frac{1}{4}$ in., in steps of $\frac{1}{32}$ in., Nos. 223309, 230795 and 231467 .....
231470	11842	Presser Foot (hinged) complete, 38 needle hole, in gauges from $\frac{3}{32}$ to $1\frac{1}{4}$ in., in steps of $\frac{1}{32}$ in., Nos. 223309, 230795 and 231469 .....
231472	14002	Presser Foot (hinged) complete, 50 needle hole, in gauges $\frac{3}{32}$ , 1, $1\frac{1}{32}$ and $1\frac{1}{16}$ in., Nos. 223309, 230795 and 231471 .....
231474	14002	Presser Foot (hinged) complete, 46 needle hole, in gauges $\frac{3}{32}$ , 1, $1\frac{1}{32}$ and $1\frac{1}{16}$ in., Nos. 223309, 230795 and 231473 .....

No.	Plate	Name
231476	14002	Presser Foot (hinged) complete, 38 needle hole, in gauges $1\frac{1}{8}$ , 1, $1\frac{1}{16}$ and $1\frac{1}{32}$ in., Nos. 223309, 230795 and 231475 .....
231478	14002	Presser Foot (hinged) complete, 50 needle hole, in gauges $1\frac{1}{8}$ , $1\frac{1}{16}$ , $1\frac{1}{32}$ and $1\frac{1}{64}$ in., Nos. 223309, 230795 and 231477 .....
231480	14002	Presser Foot (hinged) complete, 46 needle hole, in gauges $1\frac{1}{8}$ , 1, $1\frac{1}{16}$ and $1\frac{1}{32}$ in., Nos. 223309, 230795 and 231479 .....
231482	14002	Presser Foot (hinged) complete, 40 needle hole, in gauges $1\frac{1}{8}$ , 1, $1\frac{1}{16}$ and $1\frac{1}{32}$ in., Nos. 223309, 230795 and 231481 .....
231484	14002	Presser Foot (hinged) complete, 38 needle hole, in gauges $1\frac{1}{8}$ , 1, $1\frac{1}{16}$ and $1\frac{1}{32}$ in., Nos. 223309, 230795 and 231483 .....
231486	14002	Presser Foot (hinged) complete, 50 needle hole, in gauges from $1\frac{1}{8}$ to $1\frac{1}{64}$ in., in steps of $\frac{1}{64}$ in., Nos. 223309, 230795 and 231485 .....
231488	14002	Presser Foot (hinged) complete, 50 needle hole, in gauges from $1\frac{1}{8}$ to $1\frac{1}{64}$ in., in steps of $\frac{1}{64}$ in., Nos. 223309, 230795 and 231487 .....
231490	14002	Presser Foot (hinged) complete, 40 needle hole, in gauges from $1\frac{1}{8}$ to $1\frac{1}{64}$ in., in steps of $\frac{1}{64}$ in., Nos. 223309, 230795 and 231489 .....
231492	14002	Presser Foot (hinged) complete, 38 needle hole, in gauges from $1\frac{1}{8}$ to $1\frac{1}{64}$ in., in steps of $\frac{1}{64}$ in., Nos. 223309, 230795 and 231491 .....
231494	14003	Presser Foot (hinged) complete, 50 needle hole, in gauges from $1\frac{1}{8}$ to 2 in., in steps of $\frac{1}{32}$ in., Nos. 223309, 230795 and 231493 .....
231496	14003	Presser Foot (hinged) complete, 46 needle hole, in gauges from $1\frac{1}{8}$ to 2 in., in steps of $\frac{1}{32}$ in., Nos. 223309, 230795 and 231495 .....
231498	14003	Presser Foot (hinged) complete, 38 needle hole, in gauges from $1\frac{1}{8}$ to 2 in., in steps of $\frac{1}{32}$ in., Nos. 223309, 230795 and 231497 .....

No.	Plate	Name
231508	11841	Presser Foot (hinged) complete, 40 needle hole, in gauges from $1\frac{1}{8}$ to $1\frac{1}{64}$ in., in steps of $\frac{1}{64}$ in., Nos. 223309, 230795 and 231507 .....

## FOR MACHINE No. 22w170

221419	—	Presser Foot Plate, for 221420 ....
221455	—	" " " " 221456 ....
229309	—	" " " " 229310 ....
229442	—	" " " " 229443 ....
229446	—	" " " " 229447 ....
229916	—	" " " " 229917 ....
229937	—	" " " " 229938 ....
221420	11844	Presser Foot (hinged) complete, 46 needle hole, in gauges from $1\frac{1}{8}$ to $1\frac{1}{32}$ in., in steps of $\frac{1}{32}$ in., Nos. 202989, 202993, 221419 and 230795
221456	11843	Presser Foot (hinged) complete, 40 needle hole, in gauges from $1\frac{1}{8}$ to 2 in., in steps of $\frac{1}{32}$ in., Nos. 221455, 223309 and 230795, for overall felling .....
229310	11843	Presser Foot (hinged) complete, 50 needle hole, in gauges from $1\frac{1}{8}$ to 2 in., in steps of $\frac{1}{32}$ in., Nos. 202989, 202993, 229309 and 230795
229443	14030	Presser Foot (hinged) complete, 40 needle hole, in gauges from $1\frac{1}{8}$ to $1\frac{1}{16}$ in., in steps of $\frac{1}{32}$ in., Nos. 223309, 229442 and 230795, for overall felling .....
229447	11844	Presser Foot (hinged) complete, 40 needle hole, in gauges from $1\frac{1}{8}$ to $1\frac{1}{32}$ in., in steps of $\frac{1}{32}$ in., Nos. 223309, 229446 and 230795 .....
229917	11843	Presser Foot (hinged) complete, 40 needle hole, in gauges from $1\frac{1}{8}$ to $1\frac{1}{32}$ in., in steps of $\frac{1}{32}$ in., Nos. 223309, 229916 and 230795 .....
229938	14030	Presser Foot (hinged) complete, 40 needle hole, in gauges from $1\frac{1}{8}$ to $1\frac{1}{32}$ in., in steps of $\frac{1}{32}$ in., Nos. 223309, 229937 and 230795 .....

## THROAT PLATES

FOR MACHINES Nos. 22w165 AND 22w166

No.	Plate	Name
211551	12072	Throat Plate, for 211295, 211552 and 211553, in gauges from $\frac{3}{16}$ to $\frac{1}{4}$ in., in steps of $\frac{1}{64}$ inch .....
211554	12072	Throat Plate, for 211555, 211556 and 211580, in gauges from $\frac{1}{4}$ to $\frac{13}{16}$ in., in steps of $\frac{1}{16}$ inch .....
211560	12073	Throat Plate, for 211561, 211562 and 211616, in gauges $\frac{3}{16}$ , $\frac{1}{2}$ , $\frac{5}{8}$ , $\frac{3}{4}$ and $\frac{13}{16}$ inch .....
211572	12075	Throat Plate, for 211573, 211574 and 221412, in gauges $\frac{3}{16}$ , $\frac{1}{4}$ , $\frac{5}{16}$ , $\frac{3}{8}$ and $\frac{7}{16}$ inch .....
211582	12076	Throat Plate, for 211583, in gauges $\frac{3}{16}$ , $\frac{5}{16}$ , $\frac{1}{4}$ , $\frac{3}{8}$ and $\frac{1}{2}$ inch .....
211585	12077	Throat Plate, for 211573, 211574 and 221412, in gauges $\frac{3}{16}$ , $\frac{1}{4}$ , $\frac{5}{16}$ and $\frac{3}{8}$ inch .....
Note: When ordering 211585, furnish sample of strip and state gauge required.		
211586	12077	Throat Plate (strip), for 211555, 211556 and 211580, in gauges from $\frac{1}{4}$ to $\frac{13}{16}$ in., in steps of $\frac{1}{16}$ inch .....
Note: When ordering 211586, furnish sample of strip and state gauge required.		
211587	12077	Throat Plate, for 211588, in gauges $\frac{3}{16}$ , $\frac{5}{16}$ , $\frac{1}{4}$ and $\frac{3}{8}$ inch .....
211609	11828	Throat Plate, for 211606 to 211608, in gauges from $\frac{1}{16}$ to $\frac{3}{4}$ in., in steps of $\frac{1}{32}$ inch .....
212000	11828	Throat Plate, for 211997 to 211999, in gauges from $\frac{1}{16}$ to $\frac{3}{4}$ in., in steps of $\frac{1}{32}$ inch .....
212092	11827	Throat Plate (strip), for 211606 to 211608, in gauges from $\frac{1}{16}$ to $\frac{3}{4}$ in., in steps of $\frac{1}{32}$ inch .....
212096	11827	Throat Plate, for 211555, 211556 and 211580, in gauges from $\frac{1}{4}$ to $\frac{13}{16}$ in., in steps of $\frac{1}{16}$ inch .....
Note: When ordering 212092 or 212096, furnish sample of strip and state gauge required.		

No.	Plate	Name
212254	11828	Throat Plate, for 212253, in gauges $\frac{11}{16}$ , $\frac{3}{4}$ and $\frac{13}{16}$ inch .....
222200	11828	Throat Plate, for 211295, 211552 and 211553, in gauges from $\frac{3}{16}$ to $\frac{1}{4}$ in., in steps of $\frac{1}{64}$ inch .....

FOR MACHINES Nos. 22w167 AND 22w168

211575	12075	Throat Plate, for 211573, 211574 and 221412, in gauges $\frac{3}{16}$ , $\frac{1}{4}$ , $\frac{5}{16}$ , $\frac{3}{8}$ and $\frac{7}{16}$ inch .....
211576	12075	Throat Plate, for 211555, 211556 and 211580, in gauges from $\frac{1}{4}$ to $\frac{13}{16}$ in., in steps of $\frac{1}{16}$ inch .....
211610	11827	Throat Plate, for 211606 to 211608, in gauges from $\frac{1}{16}$ to $\frac{3}{4}$ in., in steps of $\frac{1}{32}$ inch .....
221460	11827	Throat Plate, for 211608, in gauges from $\frac{1}{16}$ to $\frac{13}{16}$ in., in steps of $\frac{1}{32}$ inch .....

FOR MACHINE No. 22w169

211569	12074	Throat Plate, for 211570, 211571 and 211996, in gauges from 1 to 2 in., in steps of $\frac{1}{16}$ inch .....
211609	11828	Throat Plate, for 211606 to 211608, in gauges from $\frac{1}{16}$ to $\frac{3}{4}$ in., in steps of $\frac{1}{32}$ inch .....
212000	11828	Throat Plate, for 211606 to 211608, in gauges from $\frac{1}{16}$ to $\frac{3}{4}$ in., in steps of $\frac{1}{32}$ inch .....
212092	11827	Throat Plate (strip), for 211606 to 211608, in gauges from $\frac{1}{16}$ to $\frac{3}{4}$ in., in steps of $\frac{1}{32}$ inch .....
Note: When ordering 212092, furnish sample of strip and state gauge required.		

FOR MACHINE No. 22w170

211610	11827	Throat Plate, for 211606 to 211608, in gauges from $\frac{1}{16}$ to $\frac{3}{4}$ in., in steps of $\frac{1}{32}$ inch .....
221416	11827	Throat Plate, for 211570, 211571 and 211996, in gauges from 1 to 2 in., in steps of $\frac{1}{16}$ inch .....
221460	11827	Throat Plate, for 211608, in gauges from $\frac{1}{16}$ to $\frac{13}{16}$ in., in steps of $\frac{1}{32}$ inch .....

## LAP SEAM FELLERS

Note: In ordering Lap Seam Feller, give letter which refers to material to be used, in addition to the number.

F Silks, fine muslins, etc., where there are no seams.

L Fine shirts, underwear, corsets, etc.

M General shirt and corset cover work, etc.

MH Heavy corset and other medium heavy material.

H Heavy shirt work, light overalls, etc.

No.	Plate	Name
230048	11851	Lap Seam Feller on Shank (right hand). For general work. For $\frac{1}{4}$ to 1 in. gauge machines. For F, L, M, MH or H material. Has yielding spring .....

## OBSOLETE PARTS

No.	Plate	Name
211294	12072	Feed Dog, 40 needle hole, for needle sizes 20 and 22, in gauges $\frac{3}{32}$ , $\frac{1}{16}$ , $\frac{1}{8}$ , $\frac{3}{16}$ and $\frac{1}{4}$ in. (obsolete), for 211557 .....
211558	12072	Feed Dog, 50 needle hole, for needle sizes 14 and 15, in gauges $\frac{3}{32}$ , $\frac{1}{16}$ , $\frac{1}{8}$ , $\frac{3}{16}$ and $\frac{1}{4}$ in., for 211557 .....
211559	12072	Feed Dog, 46 needle hole, for needle sizes 16 and 18, in gauges $\frac{3}{32}$ , $\frac{1}{16}$ , $\frac{1}{8}$ , $\frac{3}{16}$ and $\frac{1}{4}$ in., for 211557 .....
211541	13103	Feed Dog, 50 needle hole, for needle sizes 14 and 15, in gauges from $\frac{1}{2}$ to 1 in., in steps of $\frac{1}{32}$ in., for 211584 .....
211564	12073	Feed Dog, 50 needle hole, for needle sizes 14 and 15, in gauges $\frac{3}{16}$ , $\frac{1}{8}$ and $\frac{1}{4}$ in., for 211563 .....
211566	12073	Feed Dog, 50 needle hole, for needle sizes 14 and 15, in gauges from $\frac{1}{2}$ to 1 in., in steps of $\frac{1}{32}$ in., for 211548, 211565 and 211577 .....
211568	12074	Feed Dog, 50 needle hole, for needle sizes 14 and 15, in gauges from 1 to 2 in., in steps of $\frac{1}{32}$ in., for 211567 and 211581 .....
*213604	- - -	Feed Driving Cam Fork Lever Slide Block with 200146c .....
*213605	- - -	Feed Driving Cam Fork Lever Slide Block .....
213606	13103	Feed Driving Cam Fork Lever Slide Block 213604 with 213605 .....
203250	11007	Hook Driving Shaft Collar with two 200393c .....
203403	13101	Needle Bar (hollow) .....
203701	14501	" Holder, needles $\frac{3}{16}$ in. apart and must be set diagonally, in gauges $\frac{1}{16}$ , $\frac{1}{8}$ , $\frac{3}{16}$ and $\frac{1}{4}$ in., with 200068H and two 200141F, for Machine No. 22w165 .....
203703	14501	Needle Holder, in gauges $\frac{3}{32}$ , $\frac{1}{8}$ and $\frac{1}{4}$ in., with 200068H and two 200141F, for Machines Nos. 22w165 to 22w168 .....

No.	Plate	Name
203704	14501	Needle Holder, in gauges from $\frac{1}{16}$ to $\frac{1}{2}$ in., in steps of $\frac{1}{32}$ in., with 200068u and two 200141e, for Machines Nos. 22w165 to 22w168 ..
203705	14501	Needle Holder, in gauges from $\frac{1}{16}$ to $\frac{3}{4}$ in., in steps of $\frac{1}{32}$ in., with 200068u and two 200141e, for Machines Nos. 22w165 to 22w168 ..
203706	14501	Needle Holder, in gauges from $\frac{3}{32}$ to $1\frac{1}{2}$ in., in steps of $\frac{1}{32}$ in., with 200068u and two 200141e, for Machines Nos. 22w169 and 22w170 ..
203707	14501	Needle Holder, in 2 in. gauge, with 200068u and 200141e, for Machines Nos. 22w169 and 22w170 ..
213417	13102	Tension Release Lever .....
211577	12075	Throat Plate, for 211566, in gauges from $\frac{1}{2}$ to 1 in., in steps of $\frac{1}{32}$ in., for Machines Nos. 22w167, 22w168 and 22w170 .....
211584	12077	Throat Plate, for 211541, in gauges from $\frac{1}{2}$ to $\frac{3}{4}$ in., in steps of $\frac{1}{32}$ in., for Machine No. 22w165 .....
211557	12072	Throat Plate, for 211294, 211558 and 211559, in gauges from $\frac{1}{4}$ to $\frac{1}{2}$ in., in steps of $\frac{1}{32}$ in., for Machines Nos. 22w165 and 22w166 .....
211563	12073	Throat Plate, for 211564, in gauges $\frac{3}{8}$ , $\frac{1}{2}$ , $\frac{5}{8}$ and $\frac{3}{4}$ in., for Machine No. 22w165 .....
211565	12073	Throat Plate, for 211566, in gauges from $\frac{1}{2}$ to 1 in., in steps of $\frac{1}{32}$ in., for Machines Nos. 22w165 and 22w170 .....
211548	13103	Throat Plate, for 211566, in gauges from $\frac{1}{2}$ to 1 in., in steps of $\frac{1}{32}$ in., for Machines Nos. 22w165 and 22w170 .....
		Note: When ordering 211548, furnish sample of strip and state gauge required.
211567	12074	Throat Plate, for 211568, in gauges from 1 to 2 in., in steps of $\frac{1}{32}$ in., for Machine No. 22w169 .....
211581	12076	Throat Plate, for 211568, in gauges from 1 to 2 in., in steps of $\frac{1}{32}$ in., for Machine No. 22w170 .....
202470	12320	Bobbin Winder Base .....
202471	12320	" " Frame .....
202472	12319	" " " Spring .....
202474	12320	" " Spindle .....

No.	Plate	Name
202477	12319	Bobbin Winder Stop Latch Thumb Lever .....
202480	12320	Bobbin Winder Spool Holder Base with 200355u and 202484 .....
202481	12320	Bobbin Winder Spool Holder Base Spool Pin .....
202482	12319	Bobbin Winder Spool Holder Tension Disc (lower or upper) .....
202483	12319	Bobbin Winder Spool Holder Tension Disc Spring (brass) .....
202484	12319	Bobbin Winder Spool Holder Tension Disc Thread Guide .....
202485	12320	Bobbin Winder Spool Holder complete, Nos. 200011e, 202480, 202481, 202483, two 202482 and one wood screw 1 in., No. 13 .....
227522	12319	Bobbin Winder Stop Latch .....
227523	12320	Bobbin Winder complete, Nos. 200056e, 200161b, 200221b, 201537u, 202470 to 202474, 202477, 202478, 227522, three 200299u and two round head wood screws 1 in., No. 13 .....

PLATE 10438—FULL SIZE

200031 200668 200271 200098



200291 202036 200078 204209



204212



204194



204208



204213



202622



204211



PLATE 10838—ONE-EIGHTH SIZE

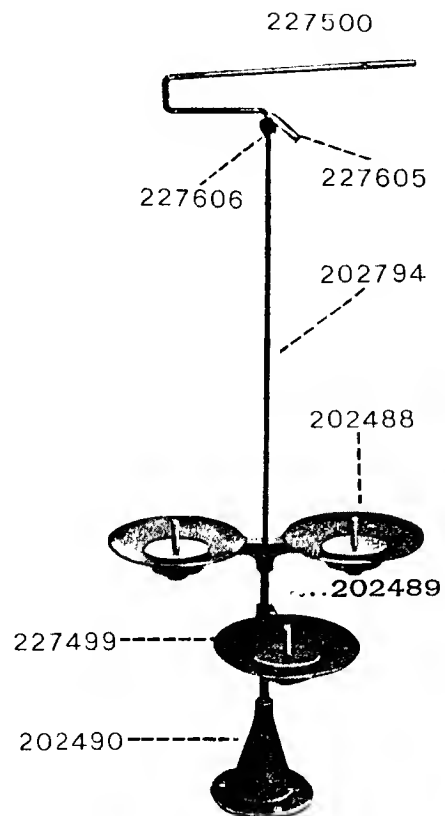
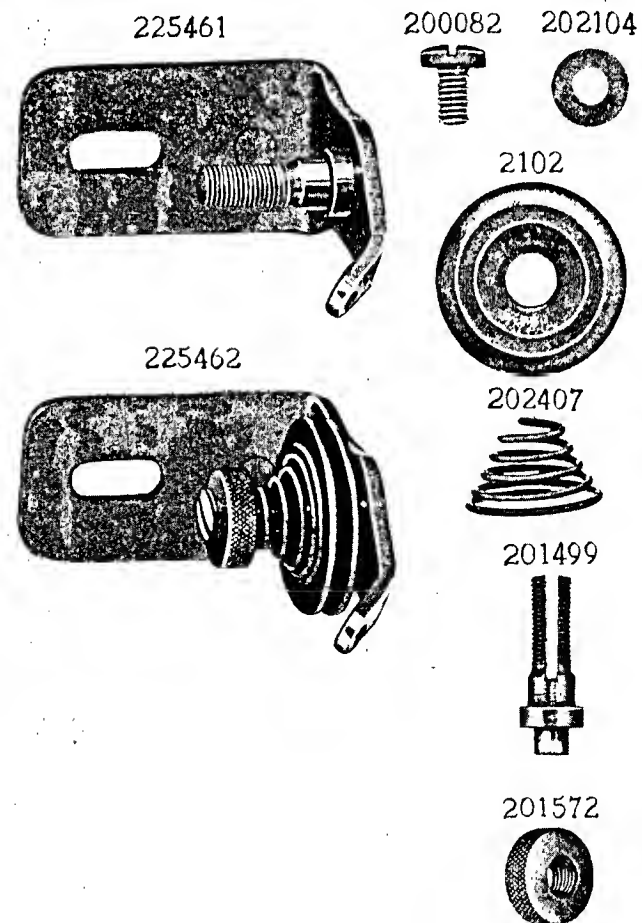
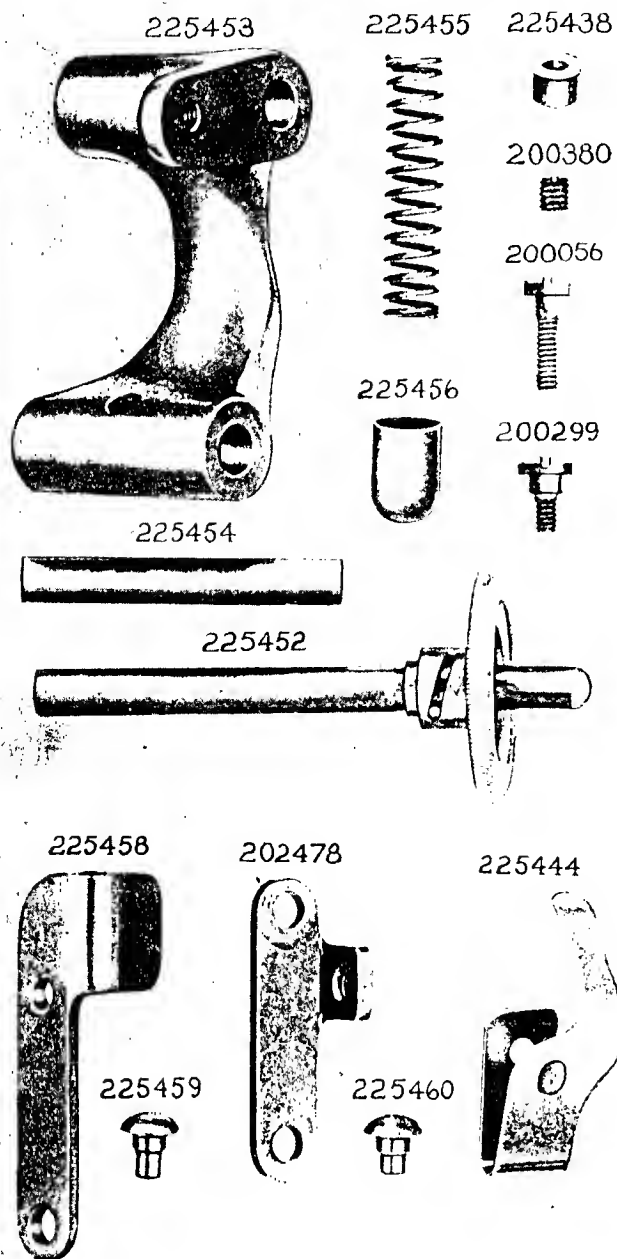


PLATE 10881—FULL SIZE





# PLATE 10882—FULL SIZE



# PLATE 10883 ONE-FOURTH SIZE

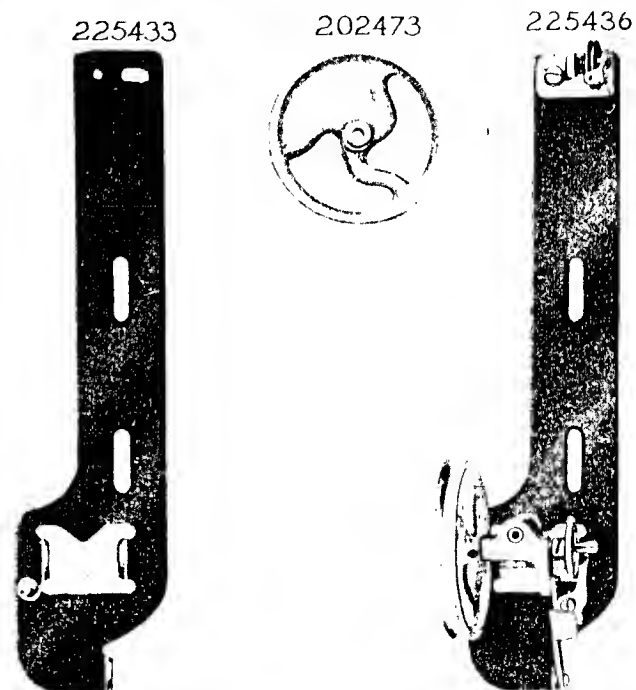


PLATE 11007-FULL SIZE

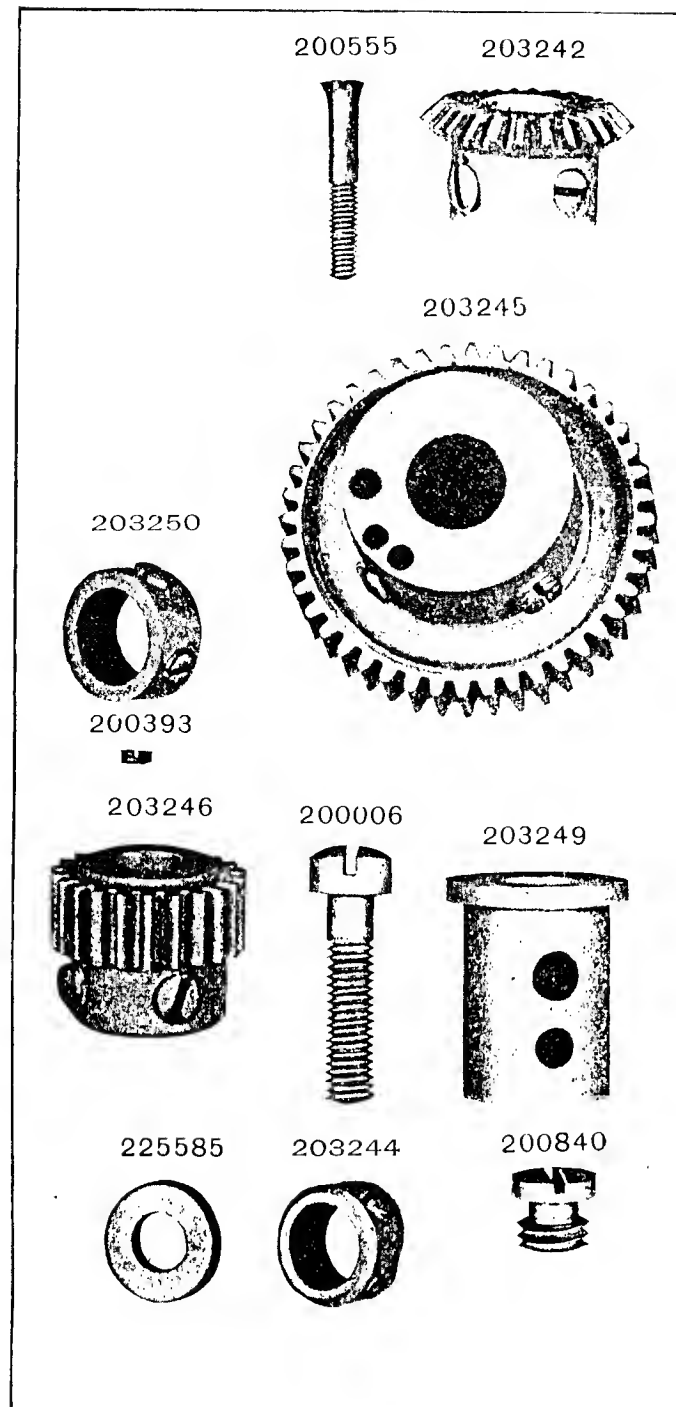


PLATE 11137-FULL SIZE

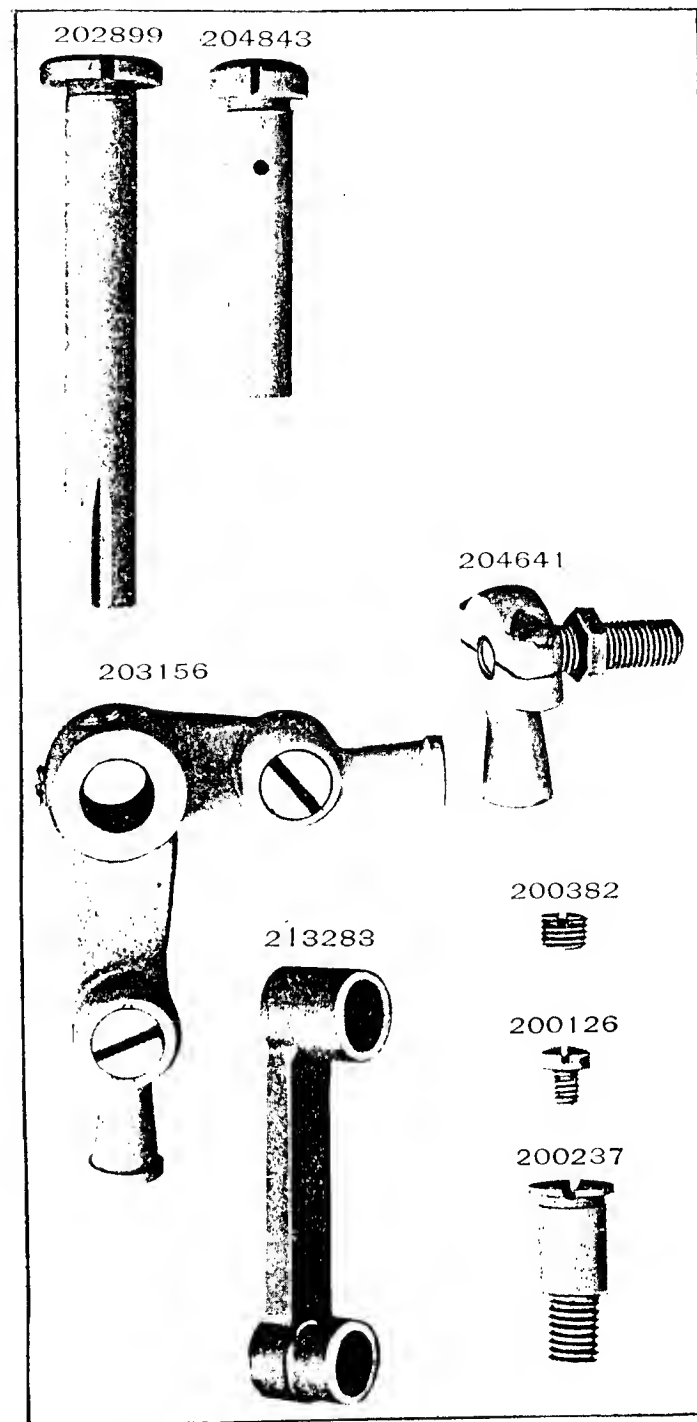


PLATE 11144 —ONE-HALF SIZE

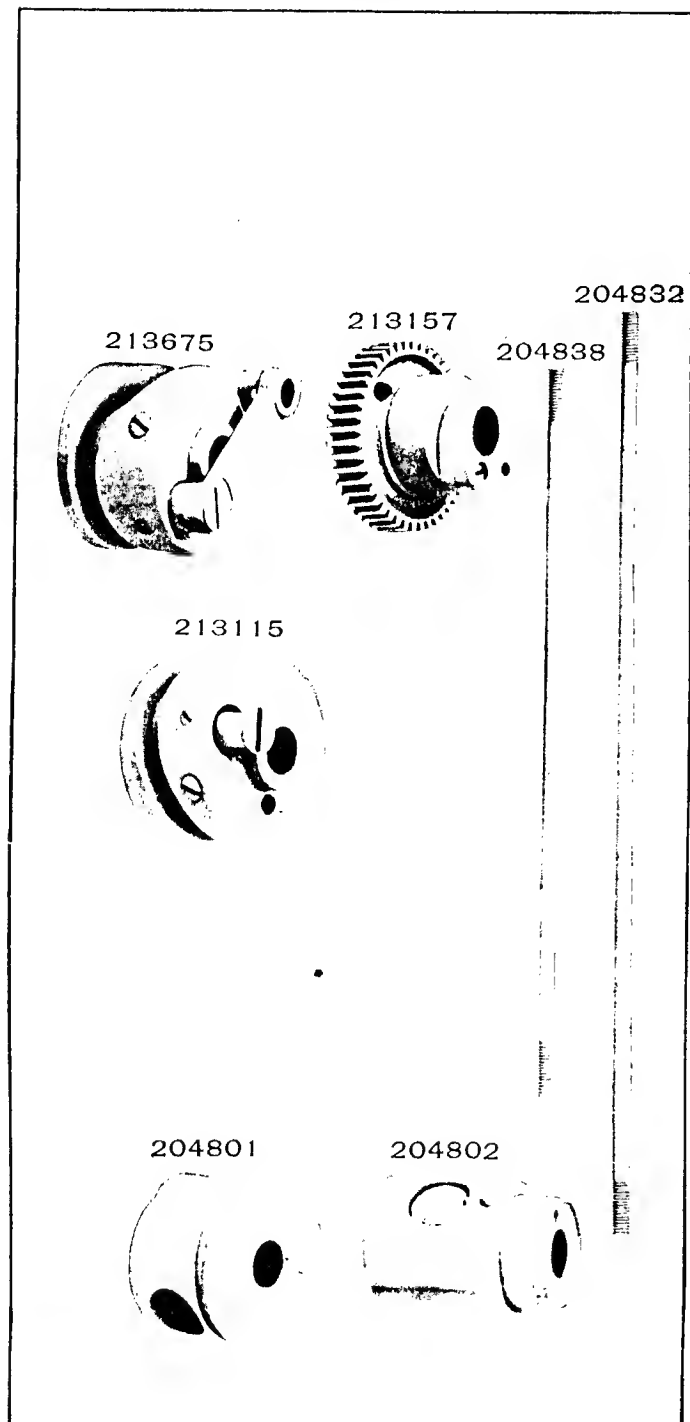


PLATE 11238 —FULL SIZE

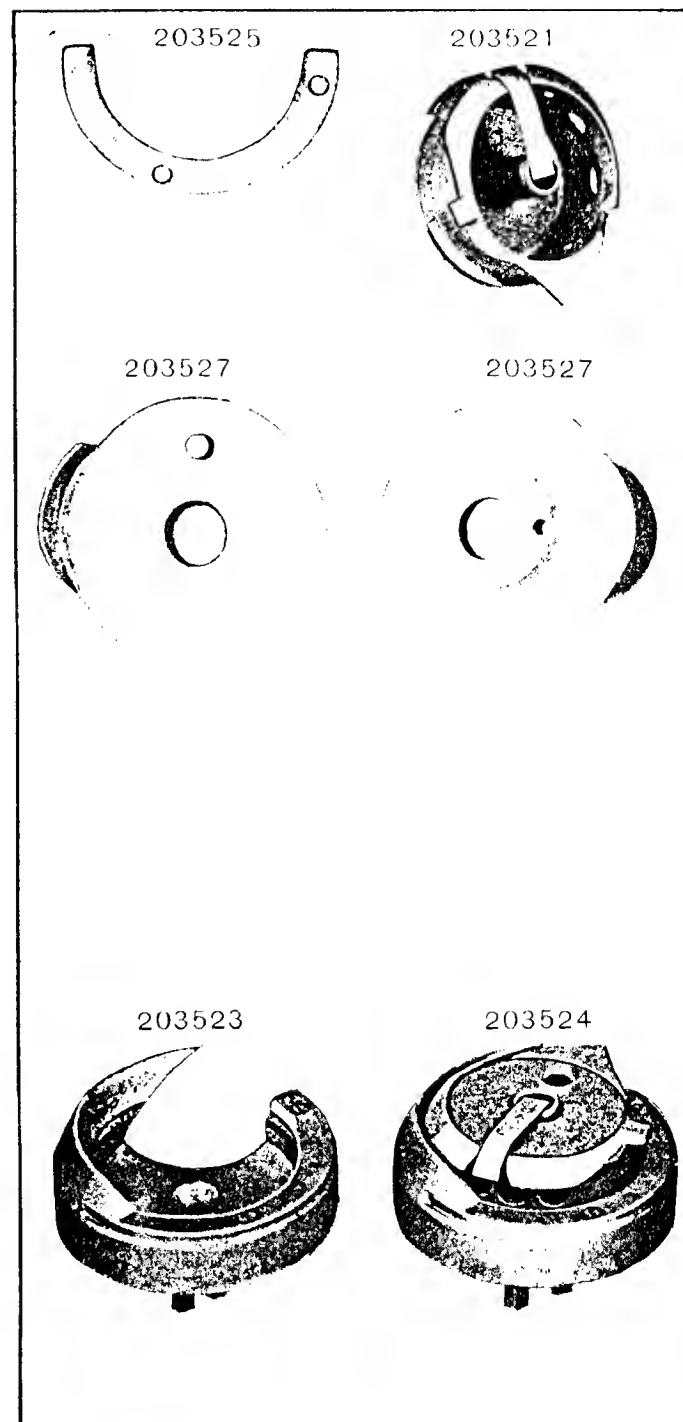
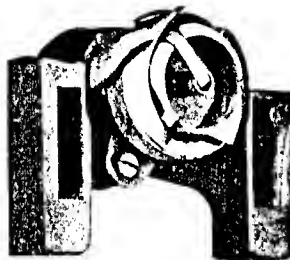
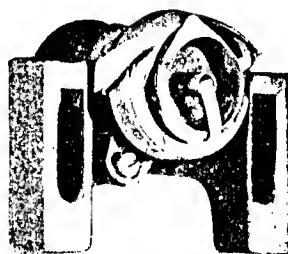


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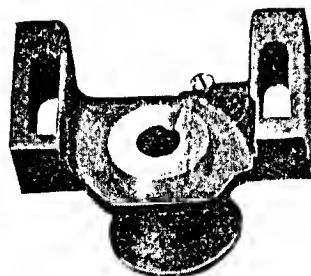
203528



203528



203508



203523



203529

№ 14 OUTFIT

203499



203506



203527



203527



203470



203521



203478

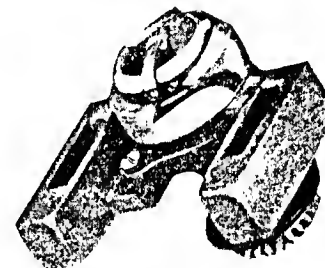


213810



PLATE 11273—ONE-HALF SIZE

213797



213798

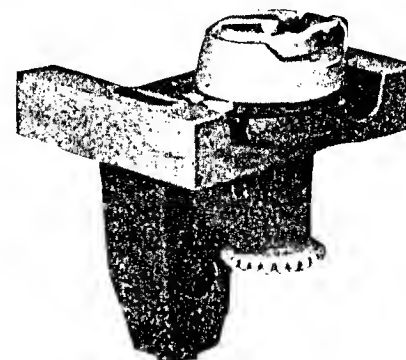


PLATE 11806 -FULL SIZE

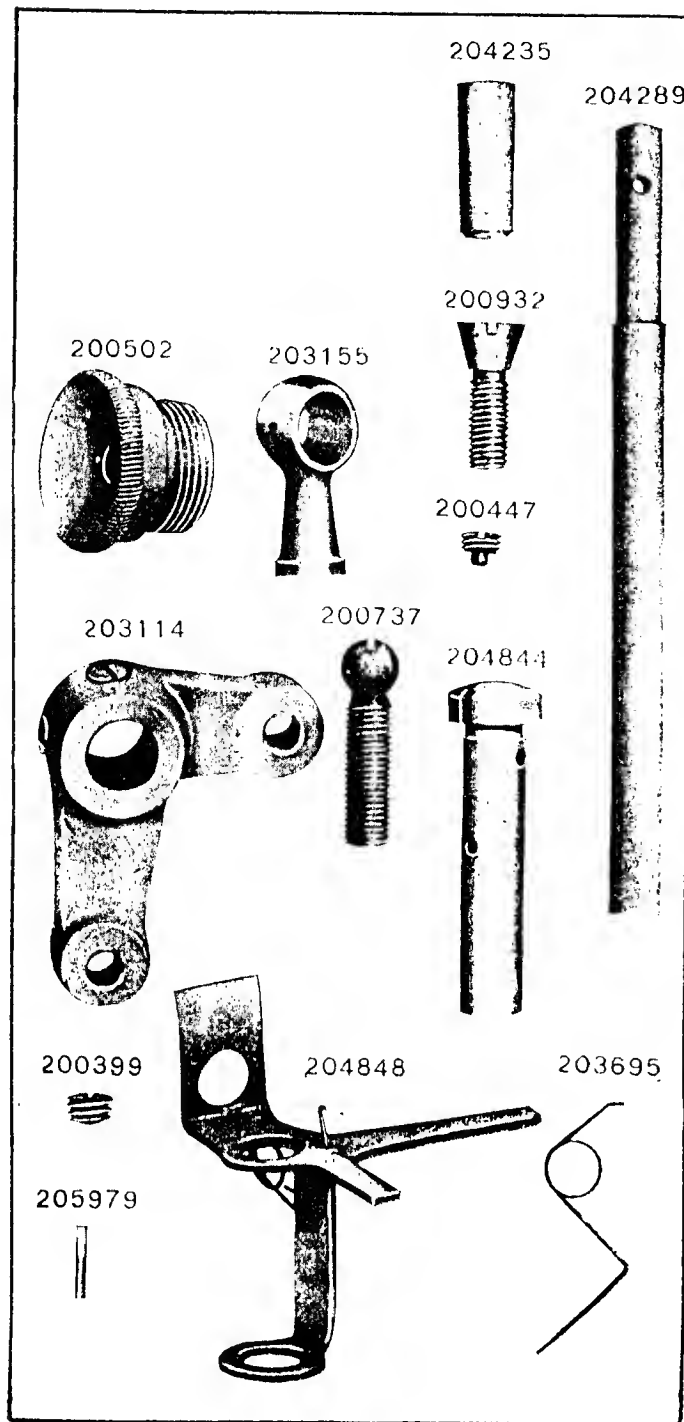


PLATE 11807 -ONE-HALF SIZE

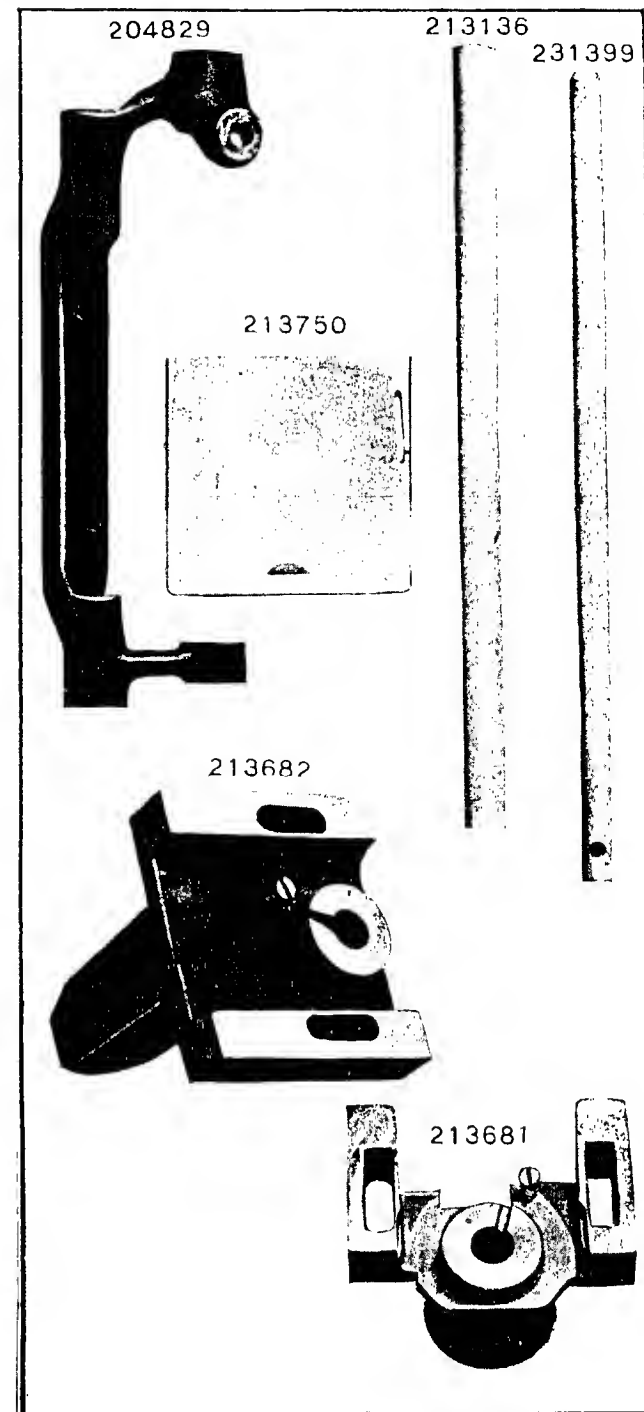
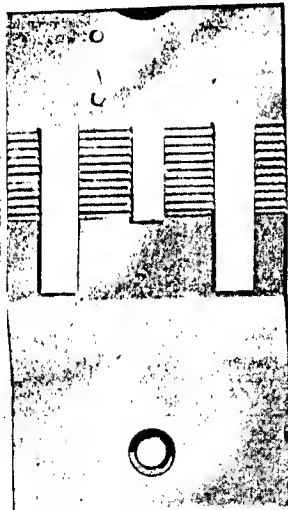
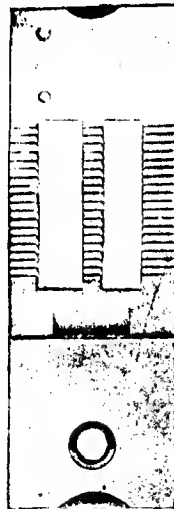


PLATE 11827-FULL SIZE

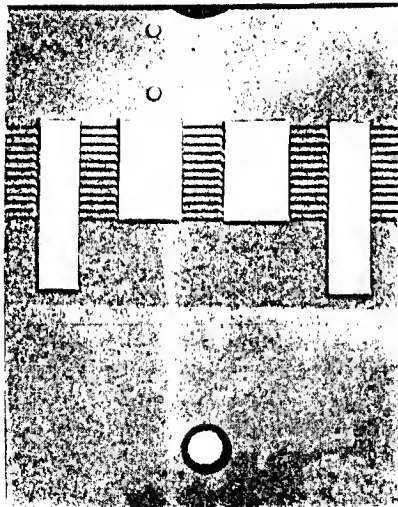
211610  
221460



212096



221416



212092

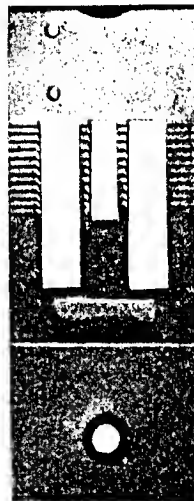
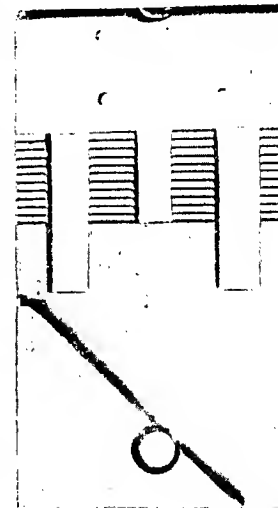


PLATE 11828 -FULL SIZE

222200



212000



211606

211607

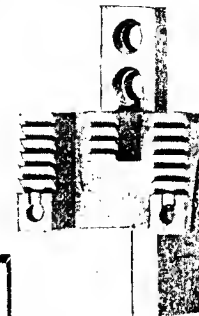
211608



211997

211998

211999



211609



212254



212253



PLATE 11840 -FULL SIZE

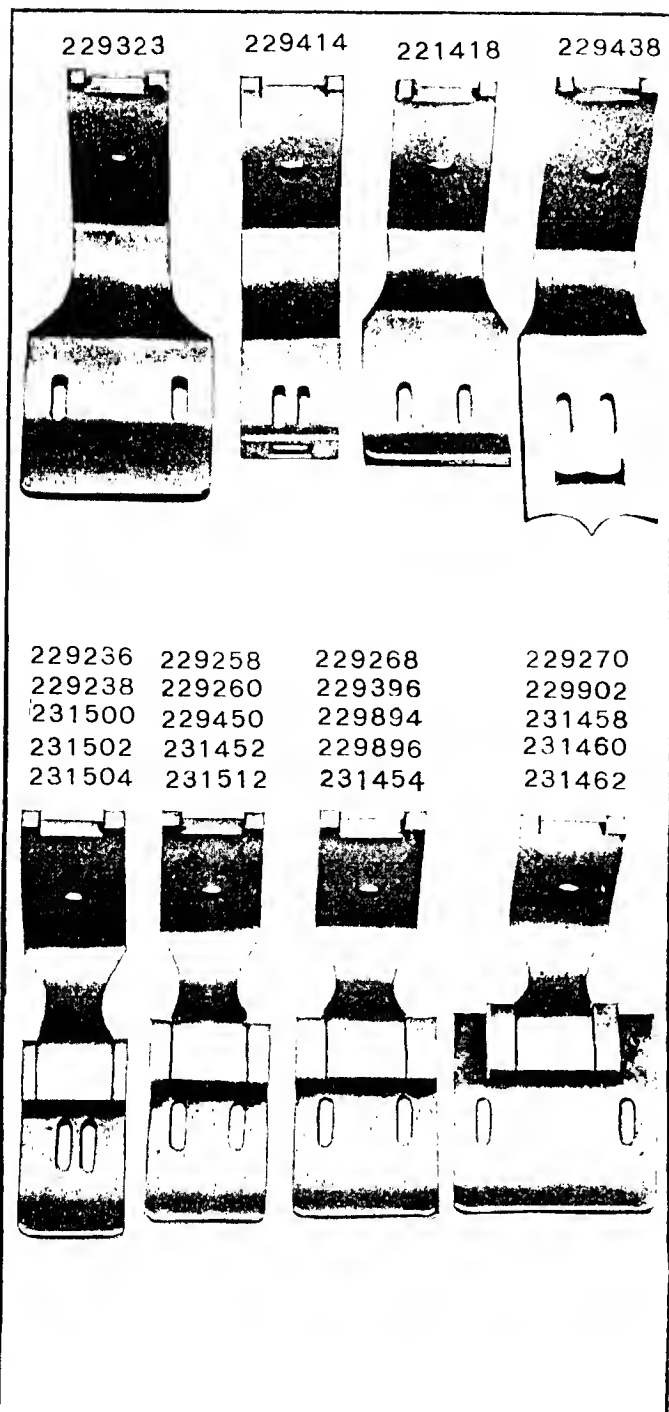


PLATE 11841 -FULL SIZE

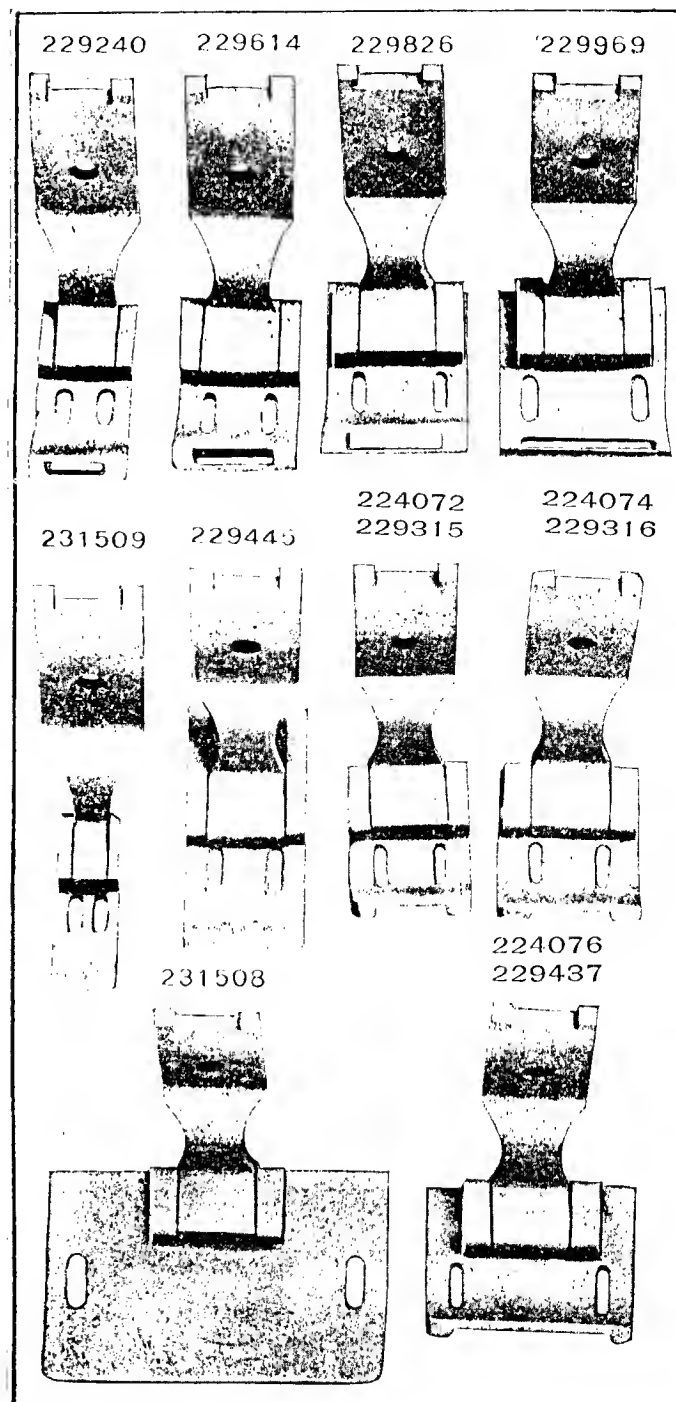


PLATE 11842 -FULL SIZE

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229398

229400

231511

229413

231464

229898

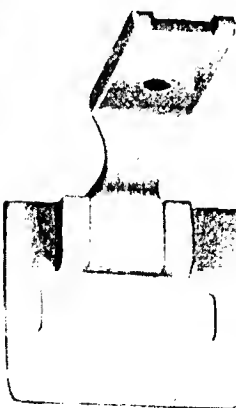
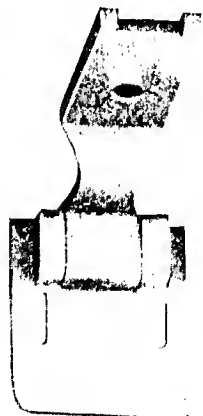
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229900

231468

231456

231470



229585

229428

211547

229847

229913

229314

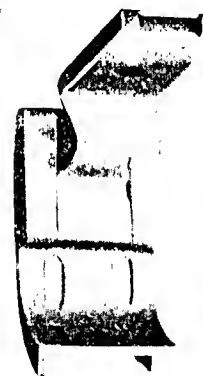
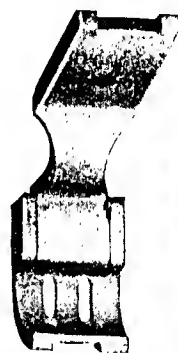
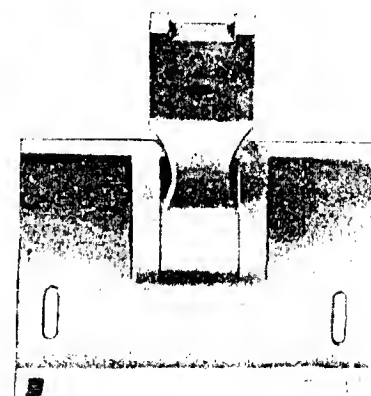
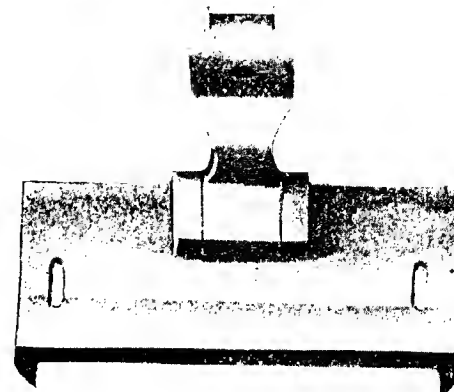


PLATE 11843 -FULL SIZE

229917



229310



221456

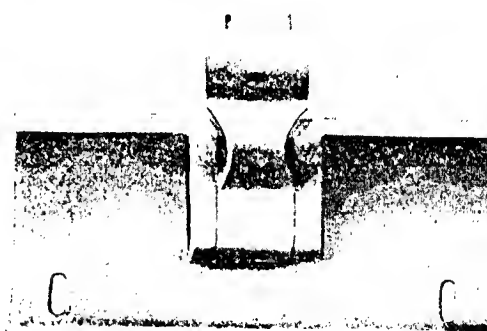


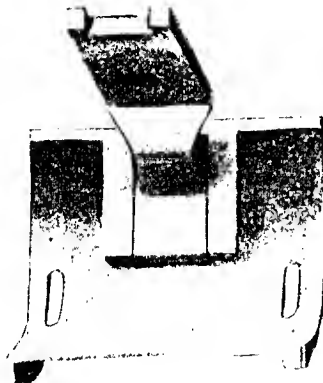


PLATE 11844-FULL SIZE

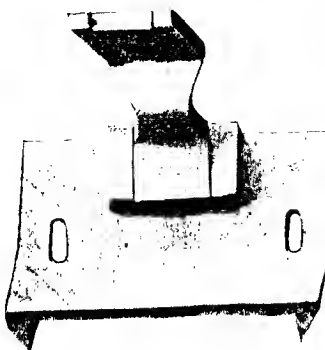
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229447



231270



221420

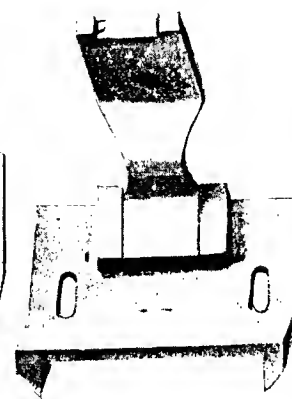


PLATE 11851-FULL SIZE

230048

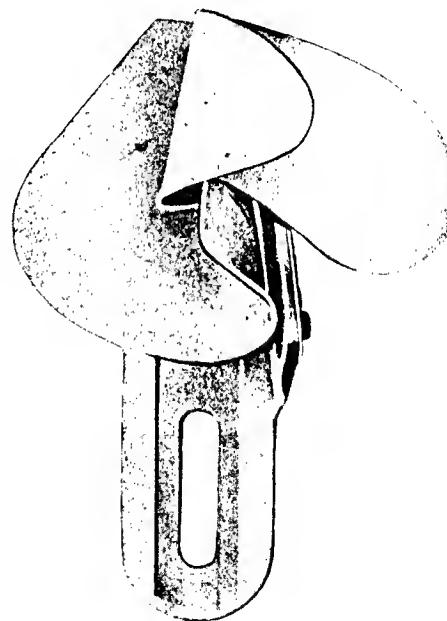


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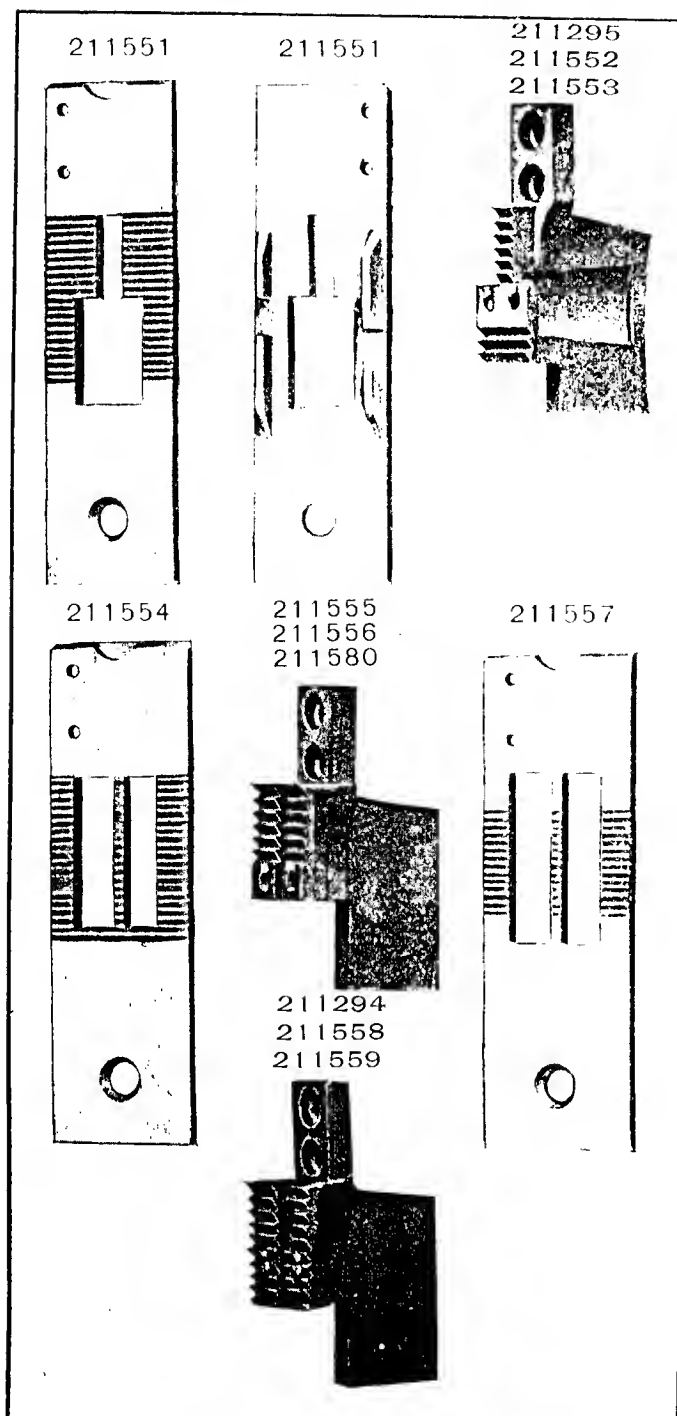


PLATE 12073-FULL SIZE

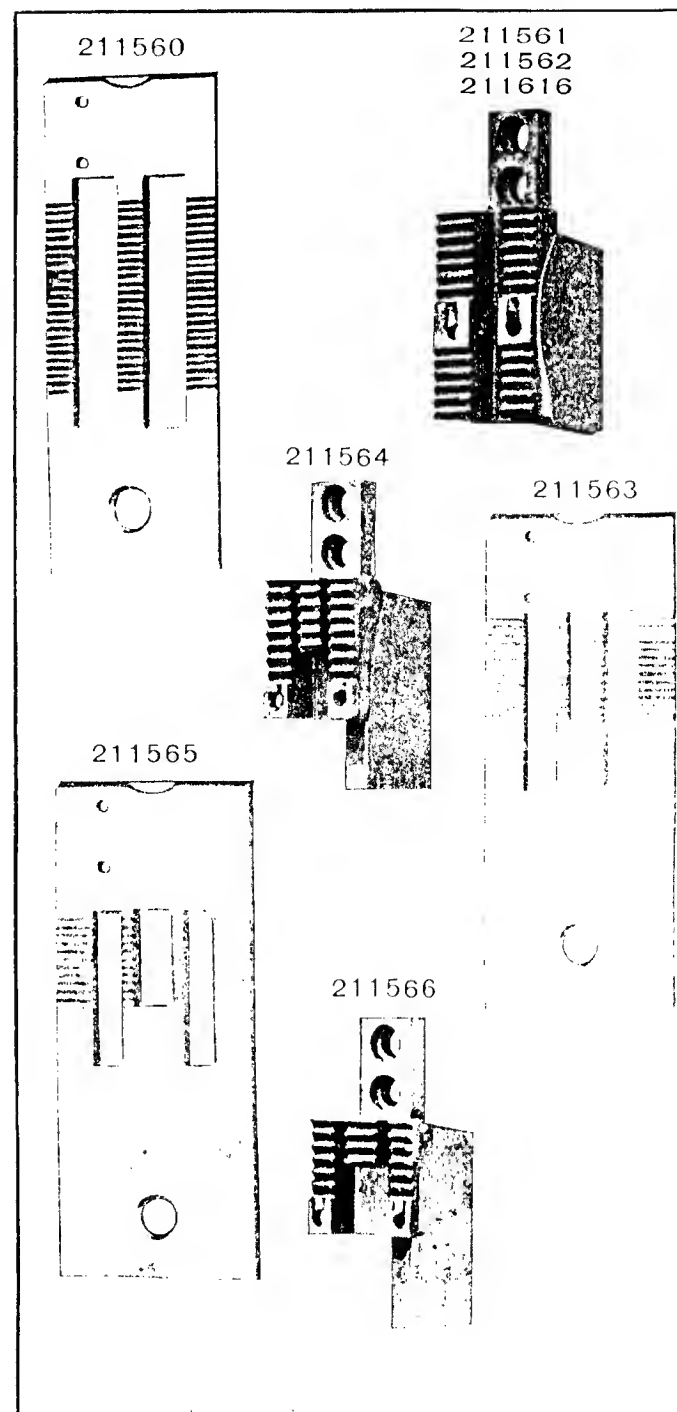


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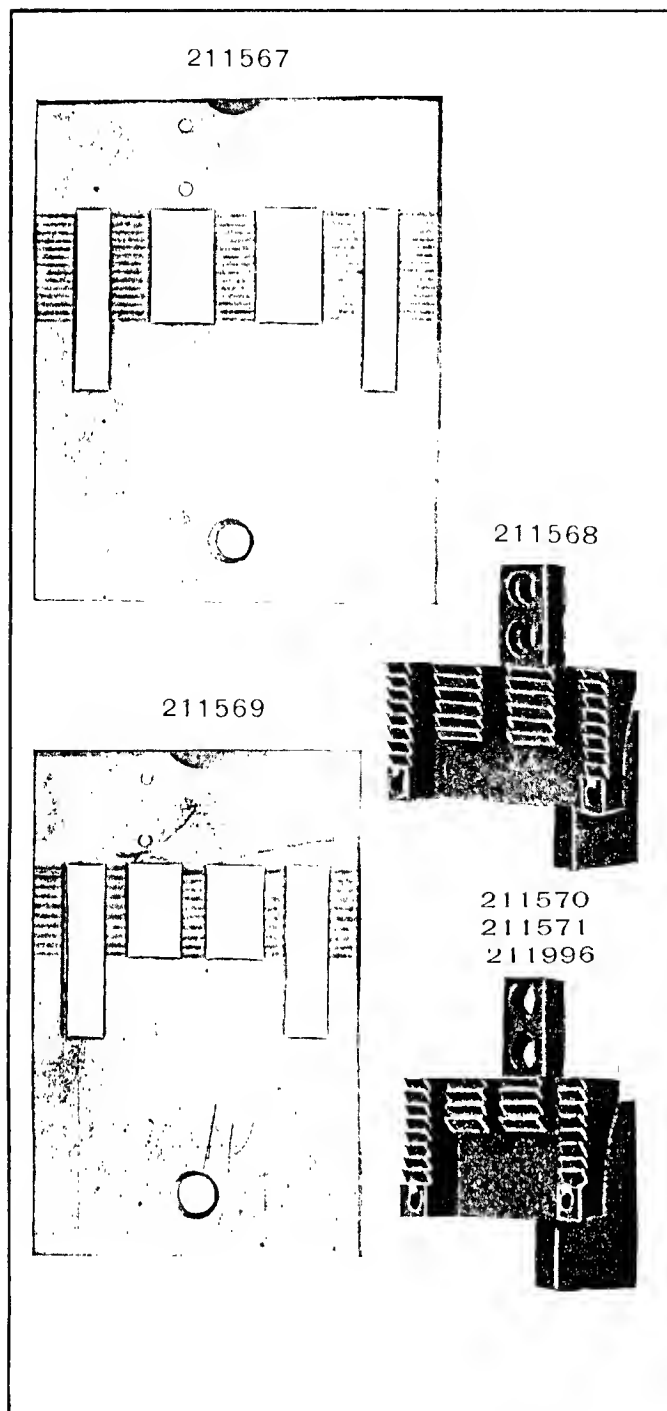


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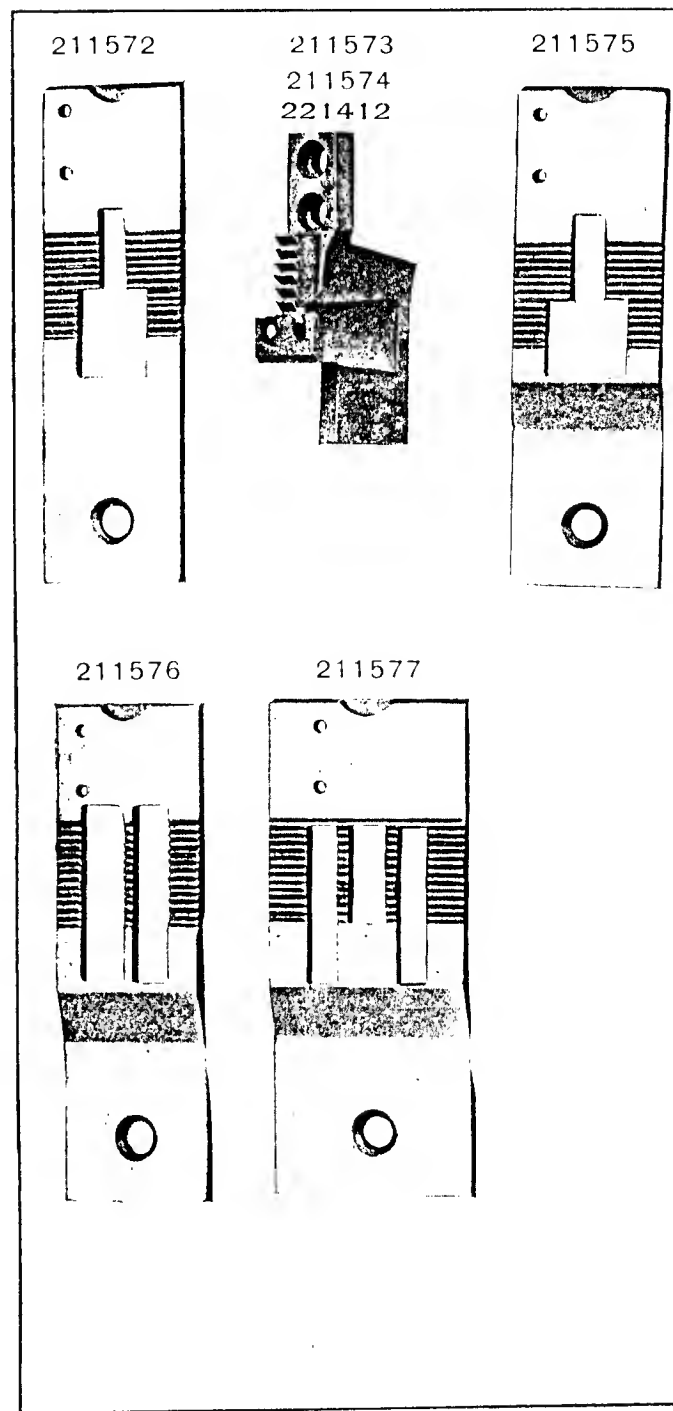
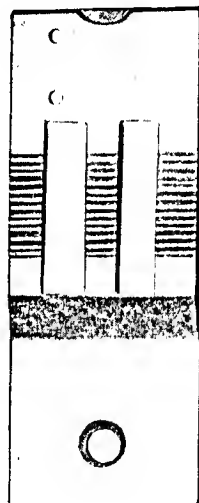
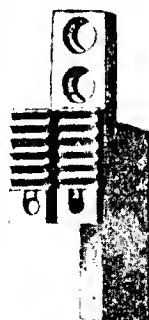


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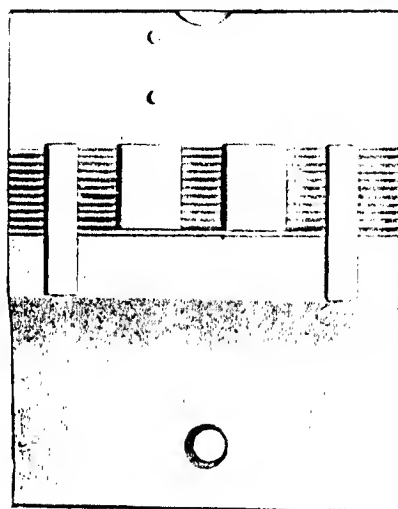
211578



211583



211581



211582

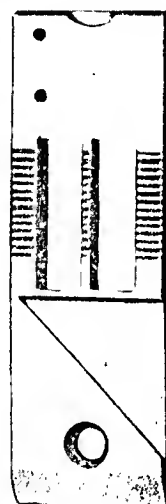
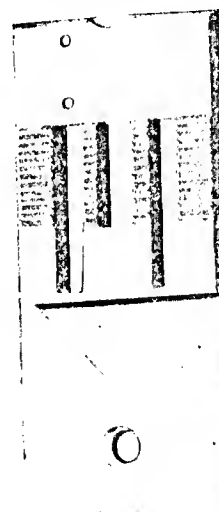
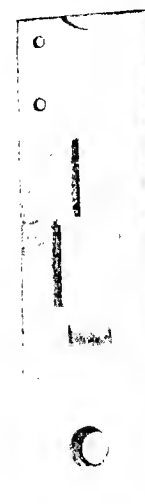


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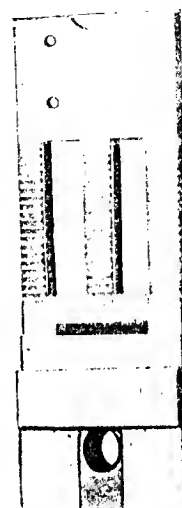
211584



211585



211586



211588



211587



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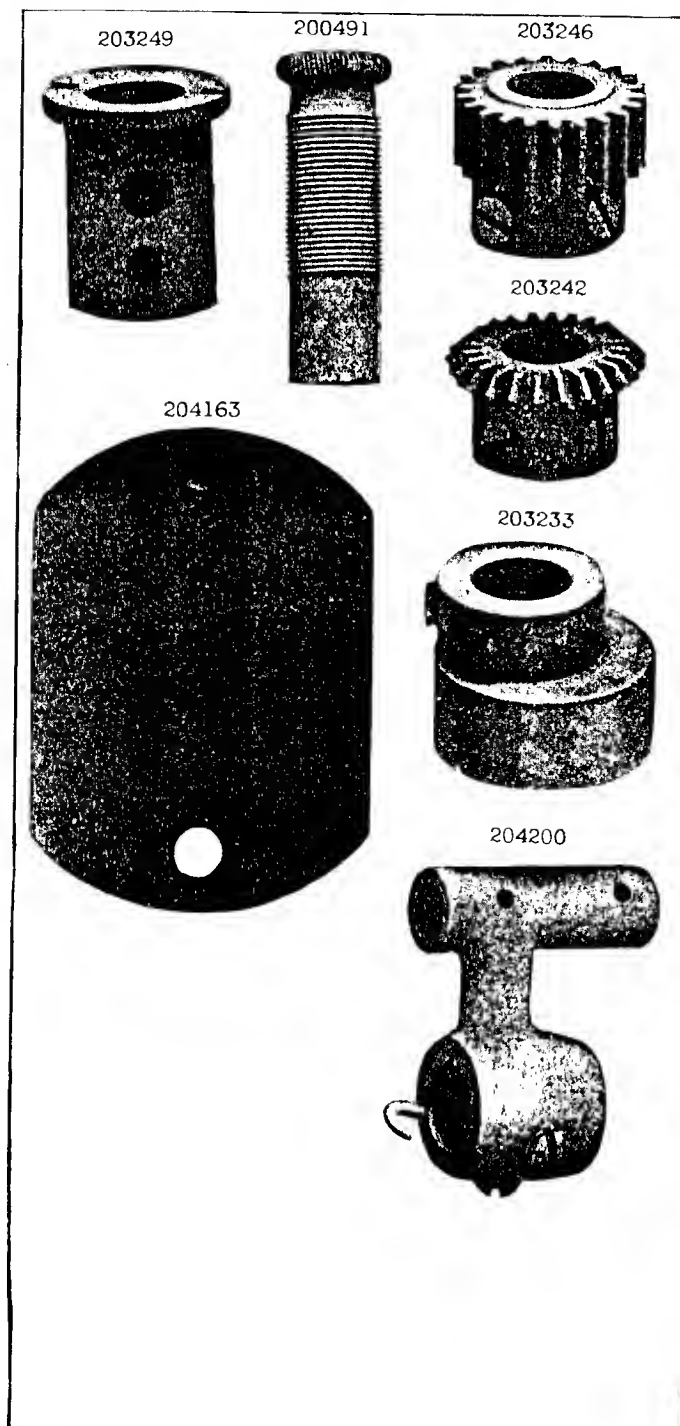


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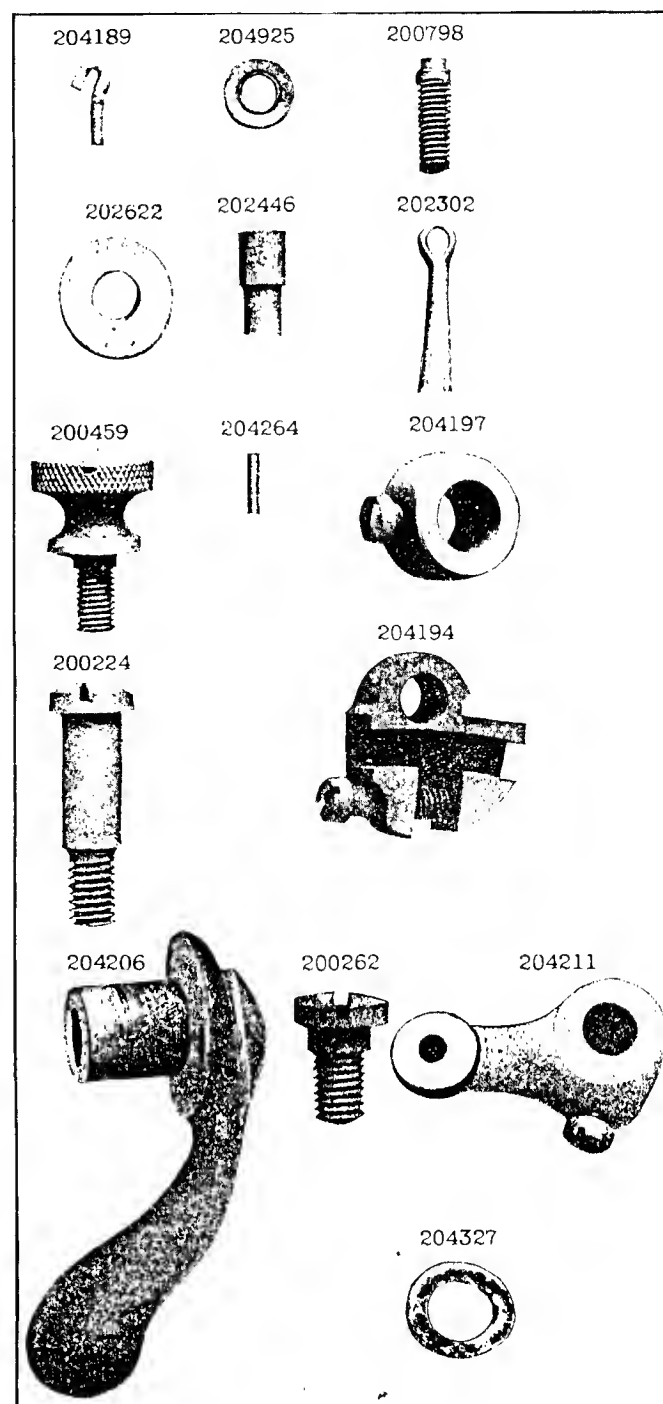


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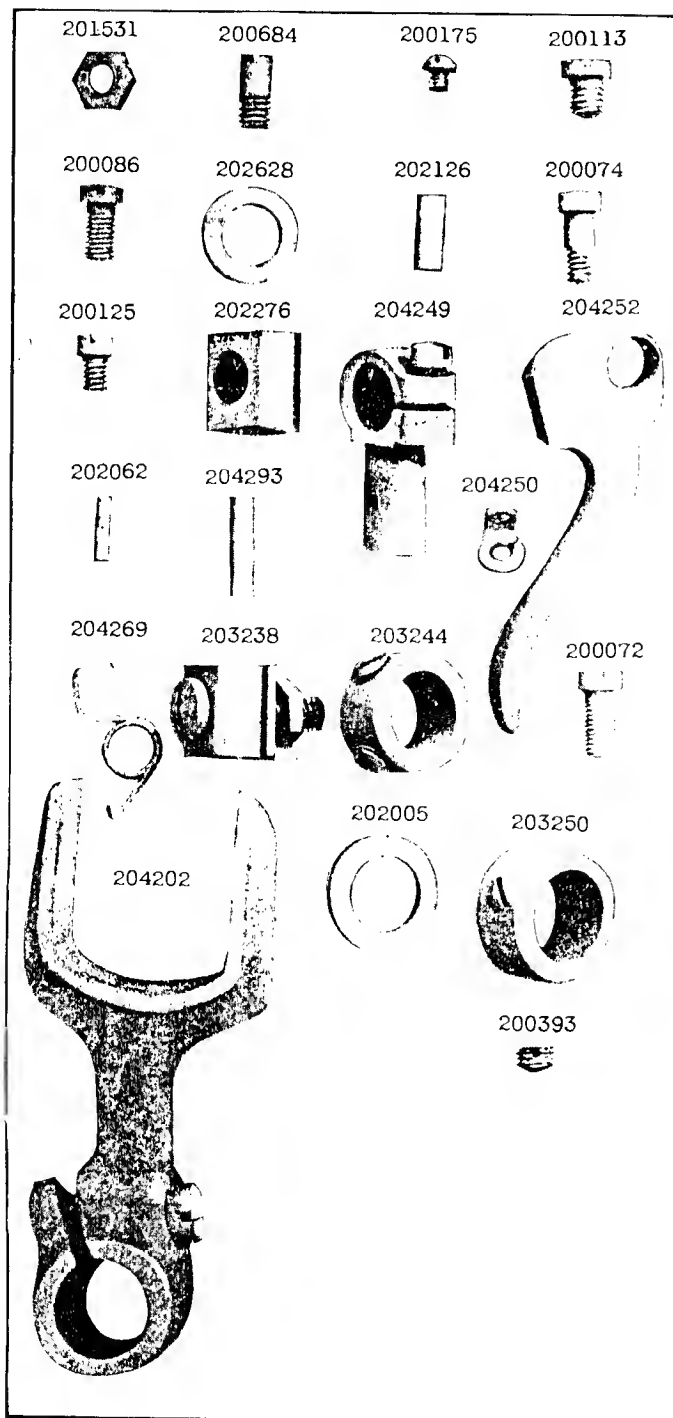


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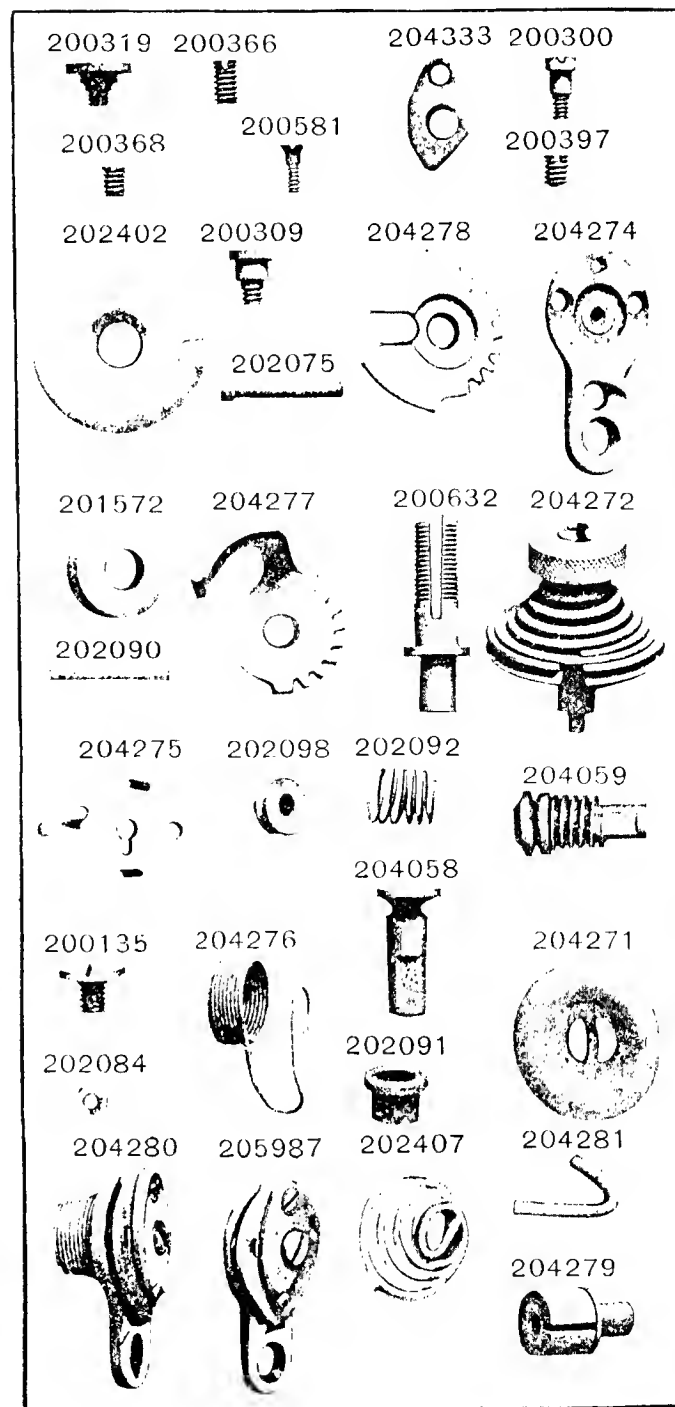


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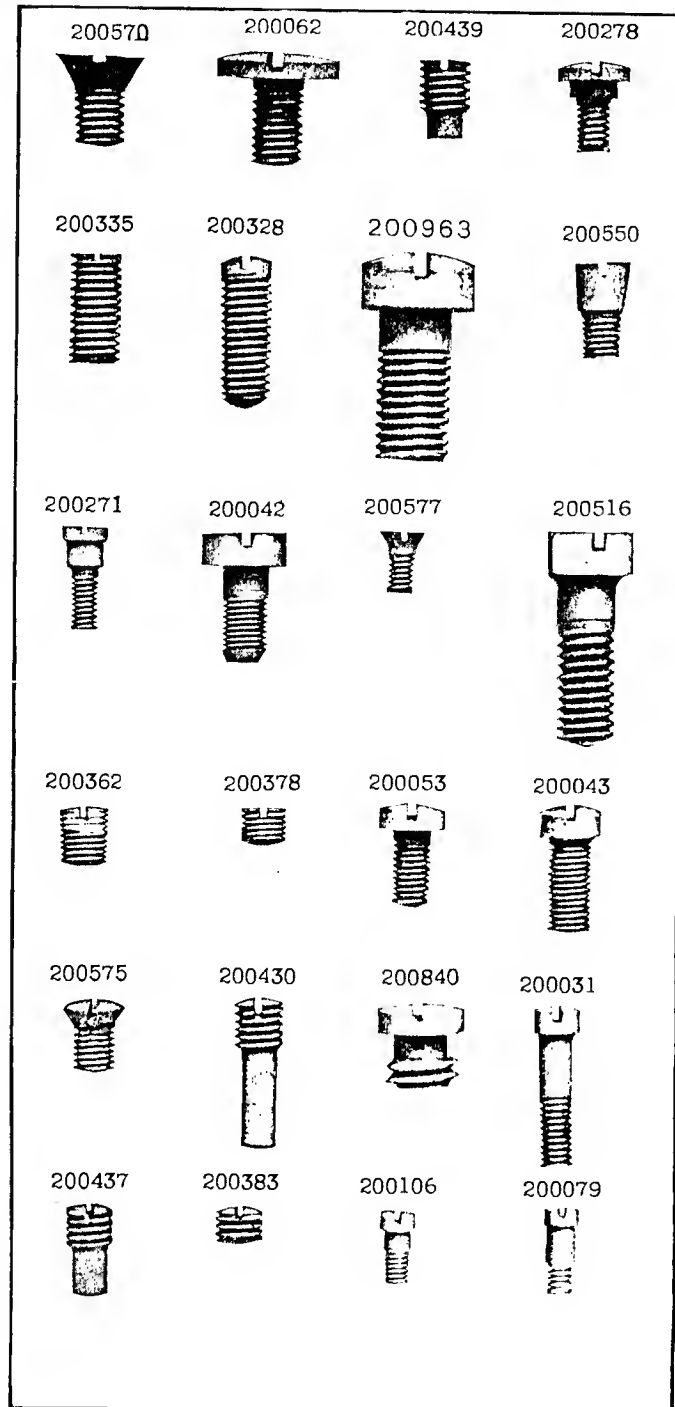


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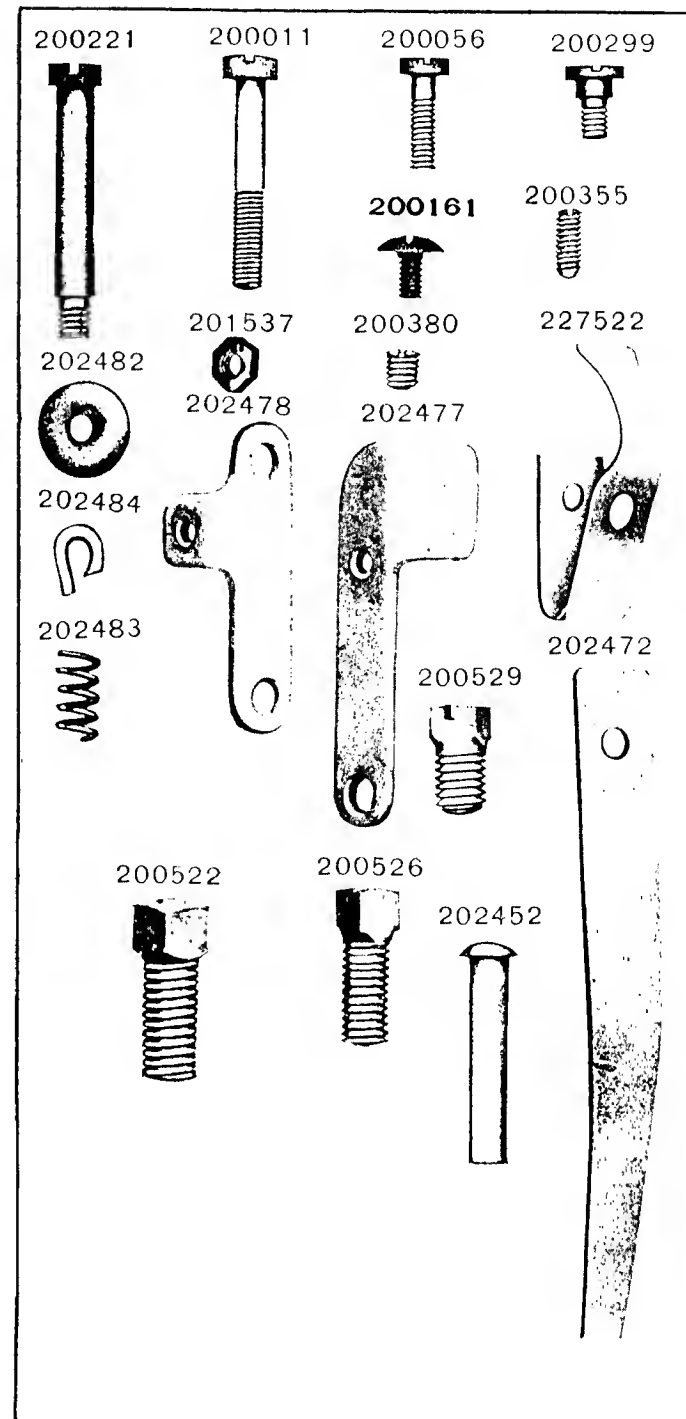


PLATE 12320—ONE-HALF SIZE

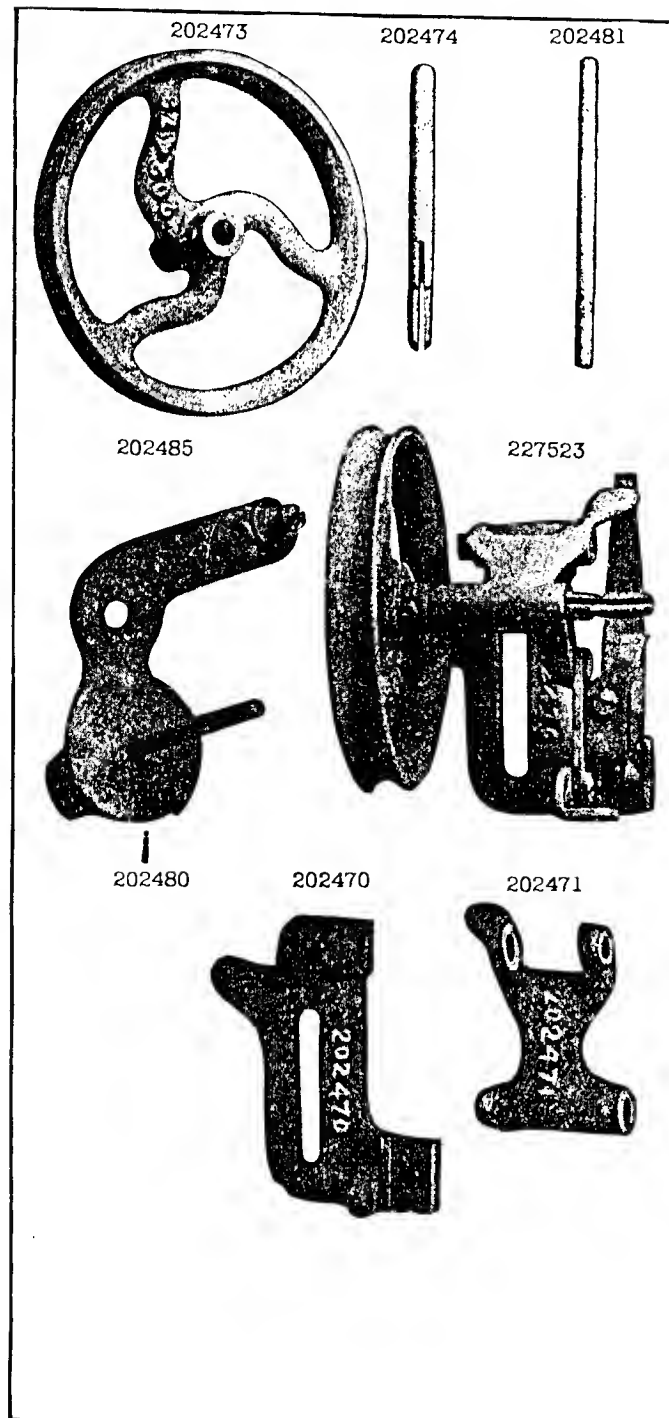


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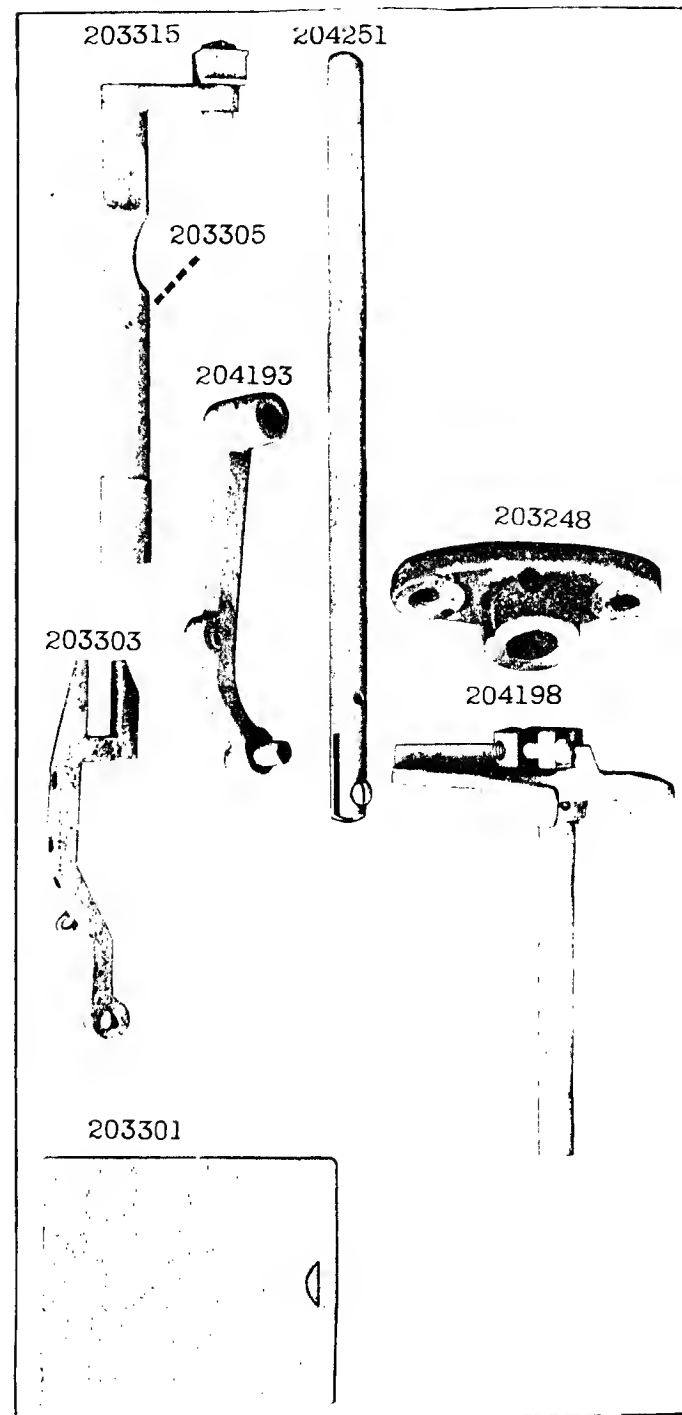




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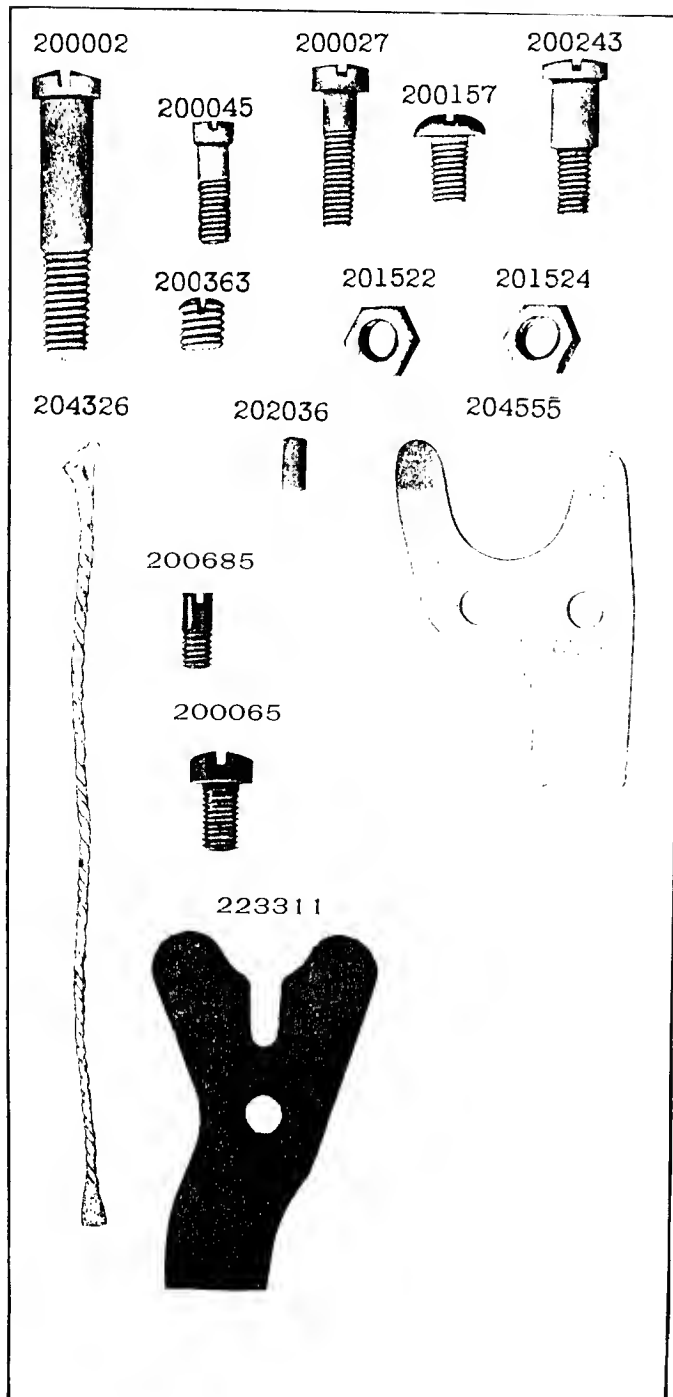


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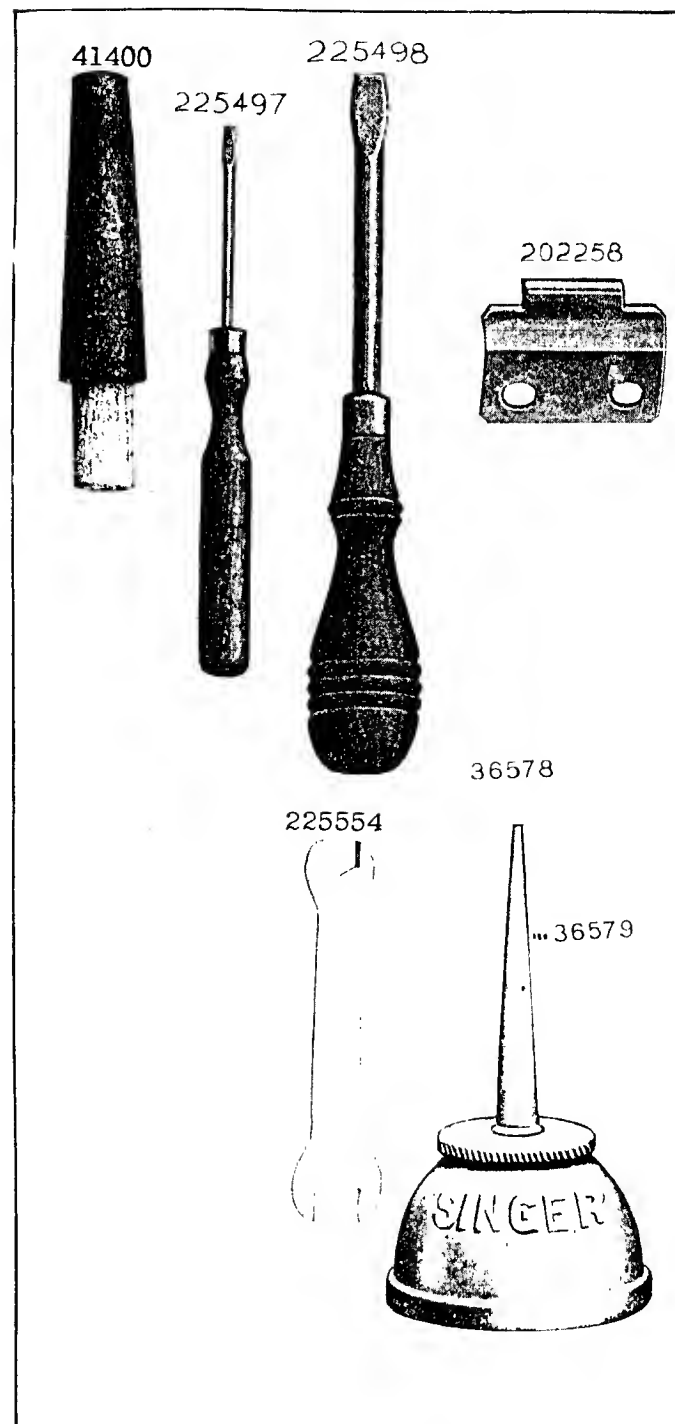


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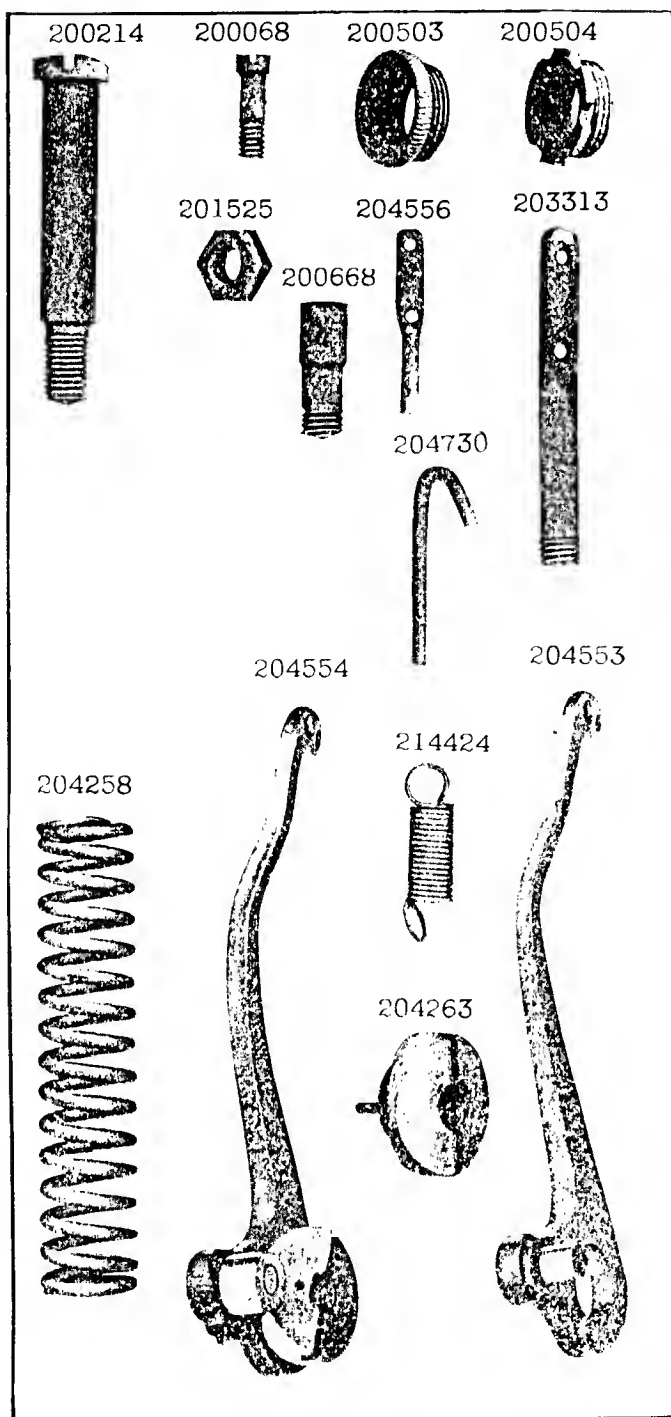


PLATE 13099—FULL SIZE

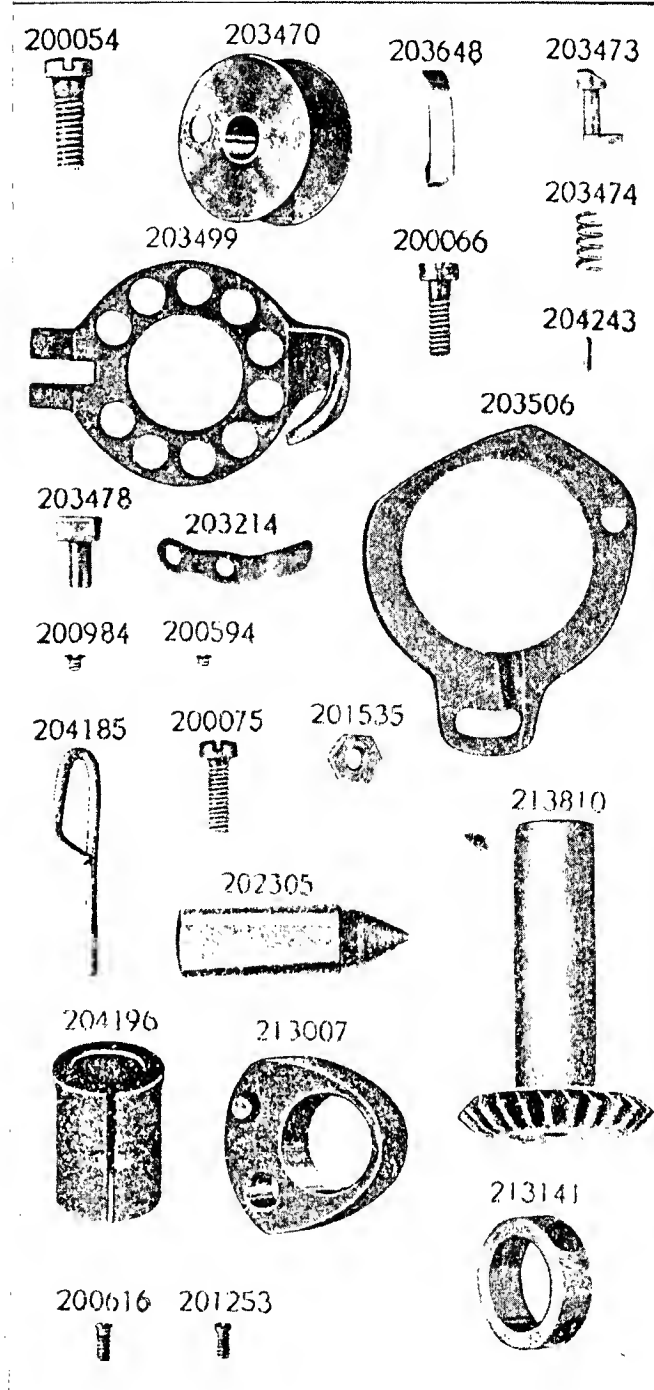


PLATE 13100—ONE-FOURTH SIZE

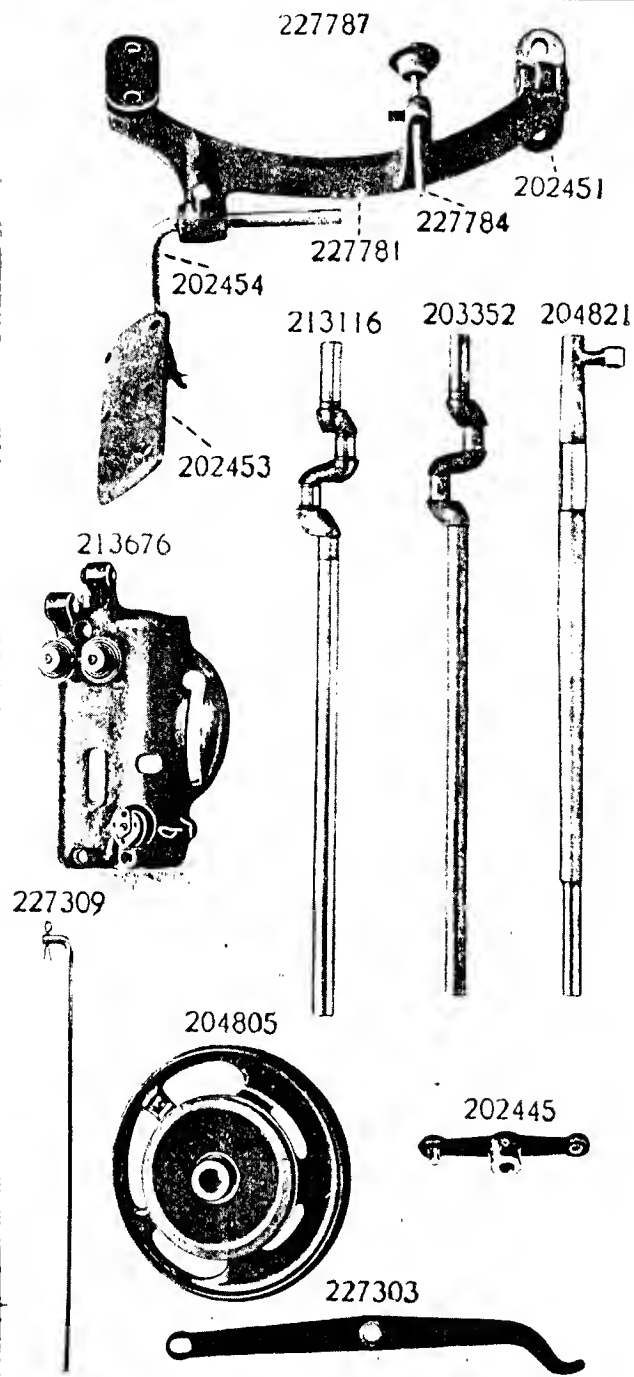


PLATE 13101—ONE-HALF SIZE

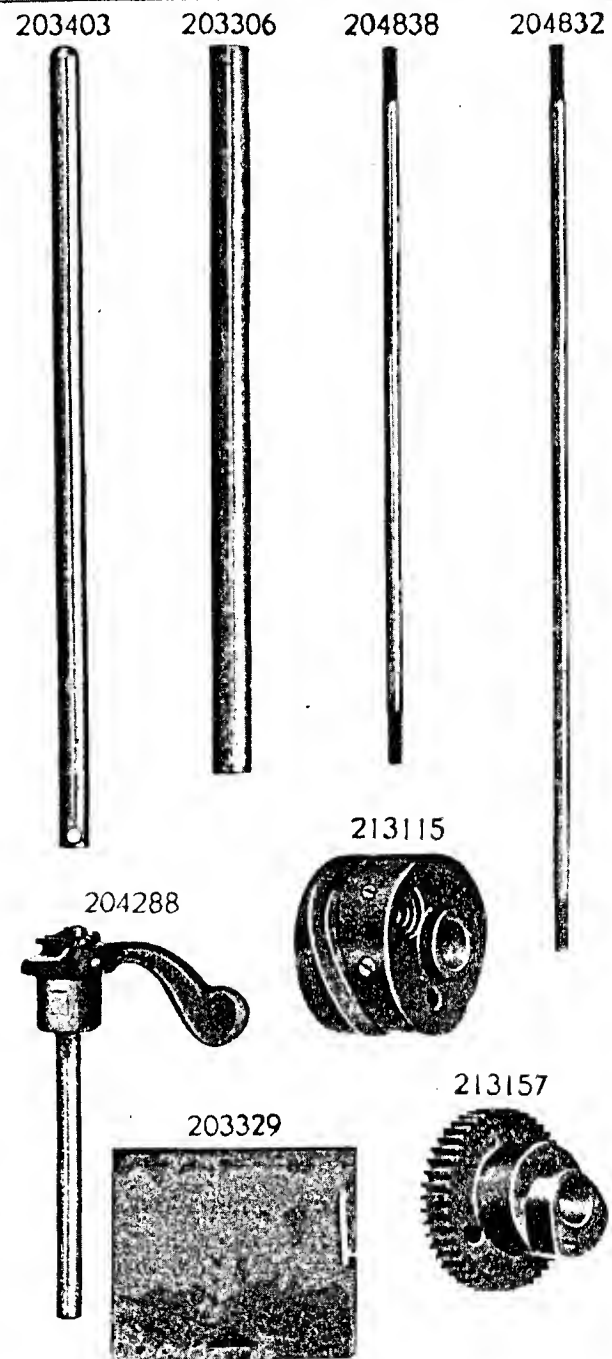


PLATE 13102—FULL SIZE

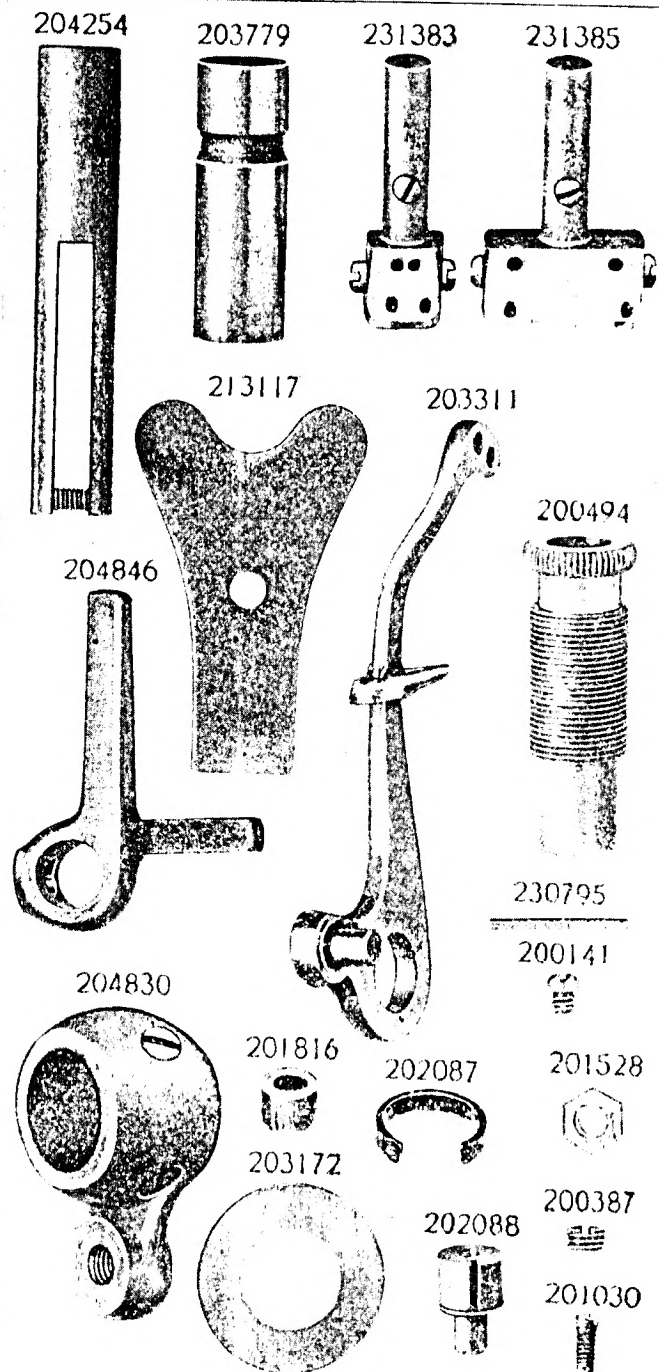


PLATE 13103—FULL SIZE

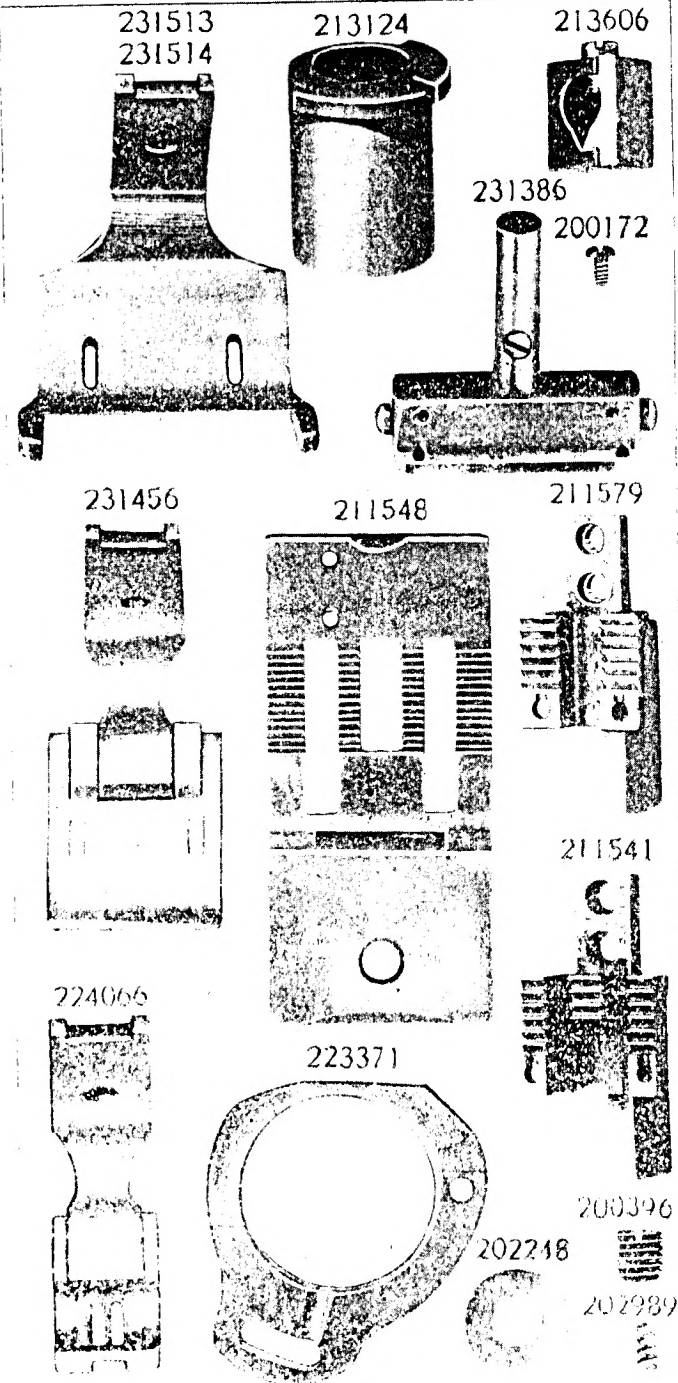
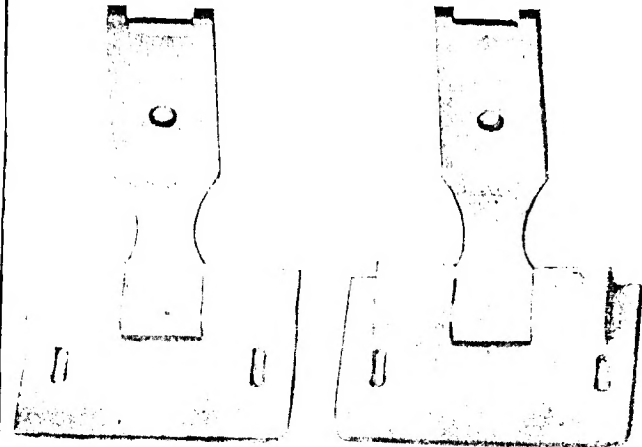


PLATE 14002-FULL SIZE

229402  
229911  
231472  
231474  
231476

229404  
231478  
231480  
231482  
231484



229406  
229892  
229904  
231486

229408  
229906  
231488  
231490  
231492

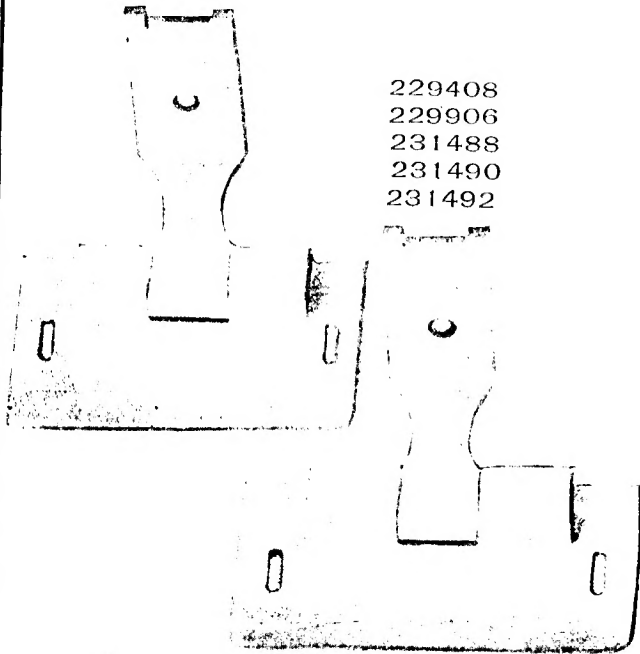
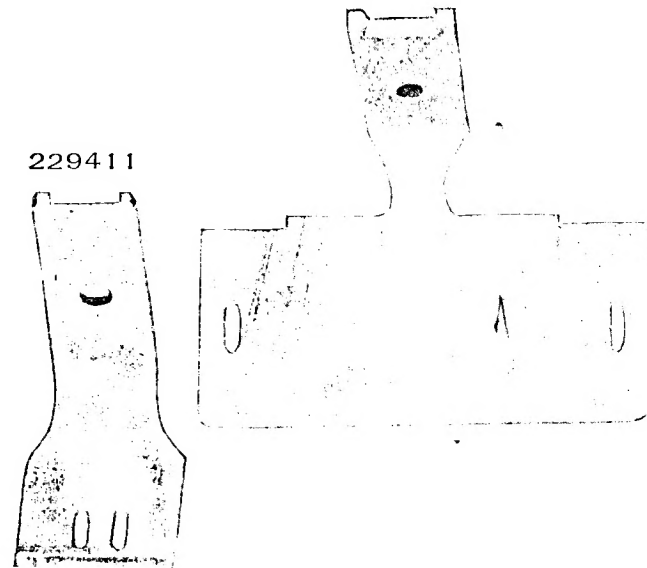


PLATE 14003-FULL SIZE

229410  
229908  
231494  
231496  
231498

229411



229415

229412

229503

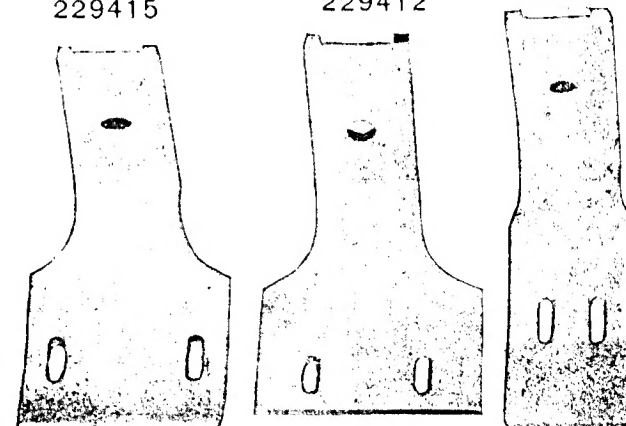


PLATE 14028--FULL SIZE

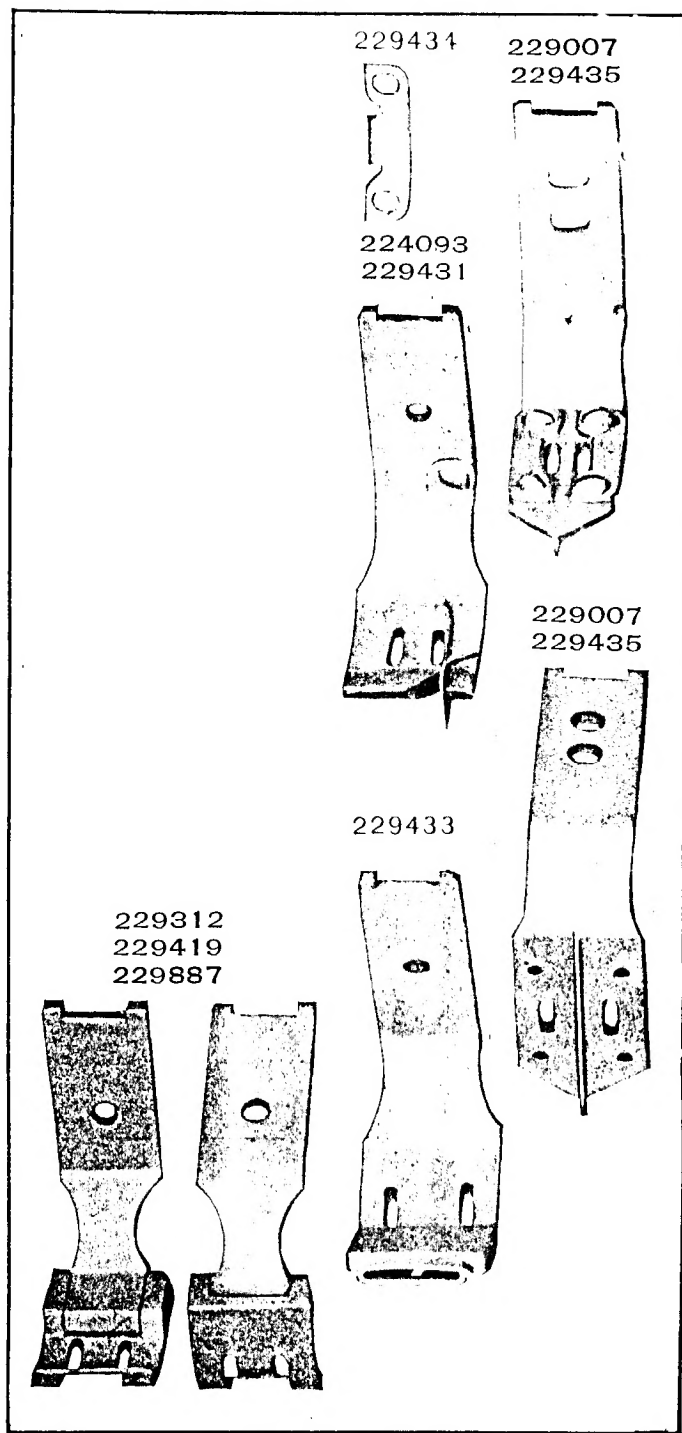


PLATE 14030--FULL SIZE

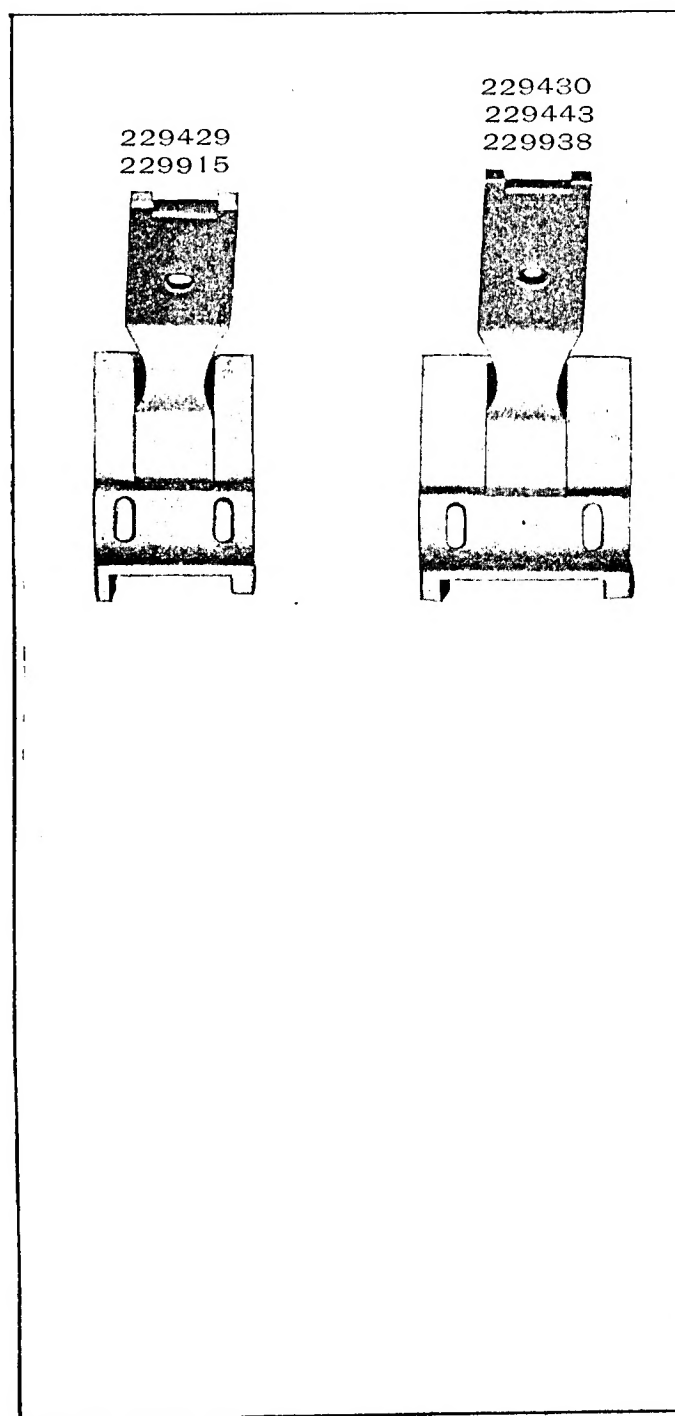


PLATE 14501-FULL SIZE

203701



203701



200068



200130



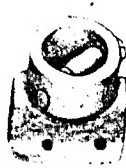
203703



203703



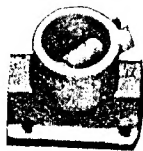
203704



203704



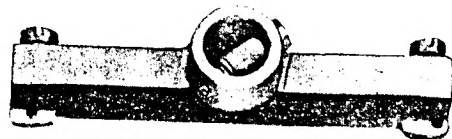
203705



203706



203707



200125

